

Natural Gas Monthly

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Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
<u>Publications</u>		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly estimates of natural gas in underground storage for the U.S. and three regions of the U.S.
<i>Natural Gas Weekly Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF, HTML, XLS	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF, XLS	Annual supply, disposition, and price data
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF, HTML	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	XLS, TXT	Data from the <i>Natural Gas Annual</i>
Historical Annual Data	XLS, TXT	Data from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

XLS (Excel) files are in spreadsheet format and are viewable and downloadable to the user's PC.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
DOE	U.S. Department of Energy	MMcf	Million cubic feet
EIA	Energy Information Administration, U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
FERC	Federal Energy Regulatory Commission	OCS	Outer Continental Shelf
IOGCC	Interstate Oil and Gas Compact Commission	Tcf	Trillion cubic feet
LNG	Liquefied natural gas		

Contents

Highlights	1
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Appendices

A. Explanatory Notes.....	71
B. Data Sources	77
C. Statistical Considerations	81
D. Technical Contacts.....	87

Glossary	89
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Tables

1. Summary of Natural Gas Production in the United States, 1999-2004	3
2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004.....	4
3. Natural Gas Consumption in the United States, 1999-2004.....	6
4. Selected National Average Natural Gas Prices, 1999-2004	8
5. U.S. Natural Gas Imports and Exports, 2002-2004.....	10
6. Summary of U.S. Natural Gas Imports and Exports, 1998-2002	14
7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004	15
8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, January 2004.....	18
9. Underground Natural Gas Storage - All Operators, 1999-2004	19
10. Underground Natural Gas Storage - by Season, 2001-2004.....	21
11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004	22
12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004.....	23
13. Net Withdrawals from Underground Storage, by State, 2002-2004	24
14. Activities of Underground Natural Gas Storage Operators, by State, March 2004.....	28
15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004	29
16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004.....	33

17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004.....	37
18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004.....	41
19. Natural Gas Deliveries to All Consumers, by State, 2002-2004.....	45
20. Average City Gate Price, by State, 2002-2004	49
21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004	52
22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004	55
23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004.....	58
24. Average Price of Natural Gas Sold to Electric Power Consumers, by State, 2002-2004	61
25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004.....	64
A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data	71
C1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, February 2004.....	86

Figures

1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004	5
2. Natural Gas Deliveries to Consumers in the United States, 2002-2004.....	7
3. Average Consumer Price of Natural Gas in the United States, 2002-2004	9
4. Average Price of Natural Gas in the United States, 2002-2004.....	9
5. Working Gas in Underground Natural Gas Storage in the United States, 2001-2004.....	20
6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004.....	70

Highlights

This issue of the *Natural Gas Monthly* (NGM) contains estimates of natural gas data through February 2004 for many data series at the national level. National-level natural gas prices are available through February 2004. State-level data generally are available through February 2004, although underground storage data are available through March 2004.

Recent analyses of the natural gas industry are available on the EIA web site, www.eia.doe.gov, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* -- a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains

estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* -- projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Consumption for Electric Power Sector and Electric Utility Prices

Data for the volume of natural gas consumed by the Electric Power Sector in February 2004 and the price of gas paid by electric utilities in January 2004 were not available for this issue of the *Natural Gas Monthly*. The Energy Information Administration expects to release those data in the *Electric Power Monthly* before the June issue of the *Natural Gas Monthly* becomes available. You may find that report on the EIA web site. Click on the by-fuel section of the EIA home page and select electricity. The URL for direct access to the *Electric Power Monthly* is http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html

National level consumption by the electric power sector for February 2004 shown in this *Natural Gas Monthly* was estimated from the STEO Query System available at (http://tonto.eia.doe.gov/STEO_Query/app/).

Electric Power Price

The price shown for January 2002 forward in the *Natural Gas Monthly* for natural gas consumed by electricity generators now represents both that used by regulated utilities and by nonregulated power producers whose line of business is the generation of power. (NAICS 22 facilities) Publication of these data is supported by two separate surveys: FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants", which is completed by regulated utilities and Form EIA-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants Report," which is completed by nonregulated power producers. The latter survey, started in 2002, collects information from the nonutility portion of the electric power sector.

Price data through 2001 cover gas purchased by regulated electric generating plants at which the generator nameplate capacity of all steam-electric and combined-cycle units together totals 50 megawatts or more. Data for 2002 forward cover those plants plus unregulated generating plants whose total facility fossil-fueled nameplate generating capacity is 50 megawatts or greater, regardless of unit type.

Table 1. Summary of Natural Gas Production in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1999 Total	23,823	3,293	615	110	19,805	973	18,832
2000 Total	24,174	3,380	505	91	20,198	1,016	19,182
2001 Total	24,501	3,371	463	97	20,570	954	19,616
2002							
January	2,062	305	43	9	1,705	82	1,623
February	1,864	289	39	7	1,528	73	1,455
March	2,066	308	44	8	1,706	82	1,624
April	1,986	284	43	8	1,652	79	1,573
May	2,030	264	44	8	1,713	82	1,631
June	1,969	270	43	8	1,648	79	1,569
July	2,038	266	44	8	1,720	83	1,638
August	2,023	281	44	9	1,688	81	1,607
September	1,918	279	43	8	1,588	76	1,511
October	1,982	302	37	8	1,636	78	1,558
November	1,987	298	39	8	1,642	79	1,563
December	2,052	309	40	10	1,693	81	1,612
Total	23,977	3,455	502	99	19,921	957	18,964
2003							
January	^E 2,095	^E 333	^E 33	^E 9	^E 1,721	^E 83	^E 1,638
February	^E 1,905	^E 310	^E 30	^E 8	^E 1,558	^E 75	^E 1,483
March	^E 2,115	^E 331	^E 32	^E 9	^E 1,743	^E 84	^E 1,660
April	^E 1,999	^E 307	^E 30	^E 8	^E 1,654	^E 79	^E 1,574
May	^E 2,042	^E 302	^E 30	^E 9	^E 1,701	^E 82	^E 1,620
June	^E 1,973	^E 297	^E 31	^E 7	^E 1,637	^E 79	^E 1,558
July	^E 2,014	^E 287	^E 32	^E 8	^E 1,687	^E 81	^E 1,606
August	^E 2,027	^E 302	^E 33	^E 8	^E 1,684	^E 81	^E 1,604
September	^E 1,981	^E 294	^E 32	^E 8	^E 1,647	^E 79	^E 1,568
October	^E 2,044	^E 316	^E 34	^E 8	^E 1,686	^E 81	^E 1,605
November	^{RE} 1,977	^E 314	^E 33	^E 7	^E 1,622	^E 78	^E 1,544
December	^E 2,073	^E 341	^E 34	^E 8	^E 1,690	^E 81	^E 1,609
Total	^E24,244	^E3,735	^E384	^E95	^E20,030	^E962	^E19,068
2004							
January	^{RE} 2,083	^{RE} 343	^{RE} 34	^E 8	^{RE} 1,698	^E 82	^{RE} 1,616
February	^E 1,972	^E 325	^E 32	^E 7	^E 1,608	^E 77	^E 1,531
2004 YTD	^E4,055	^E668	^E65	^E15	^E3,306	^E159	^E3,147
2003 YTD	^E4,000	^E643	^E62	^E16	^E3,278	^E157	^E3,121
2002 YTD	3,926	595	82	16	3,233	155	3,078

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1999 through 2002 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1999 Total	18,832	98	3,422	172	-119	22,405
2000 Total	19,182	90	3,538	829	-305	23,333
2001 Total	19,616	86	3,604	-1,166	99	22,239
2002						
January	1,623	^R 6	309	558	-7	2,488
February	1,455	^R 6	276	474	34	2,243
March	1,624	6	294	327	10	2,260
April	1,573	^R 5	276	-129	157	1,881
May	1,631	^R 5	280	-330	26	1,612
June	1,569	^R 5	273	-350	94	1,591
July	1,638	^R 6	300	-248	54	1,749
August	1,607	^R 6	310	-242	45	1,725
September	1,511	^R 5	289	-276	13	1,543
October	1,558	^R 6	301	-89	-132	1,643
November	1,563	6	276	202	-136	1,911
December	1,612	^R 7	316	572	-132	2,373
Total	18,964	^R 68	3,499	468	^R 19	23,018
2003						
January	^E 1,638	^E 6	299	841	^R -110	^R 2,674
February	^E 1,483	^E 6	250	676	67	2,482
March	^E 1,660	^E 5	270	136	108	2,178
April	^E 1,574	^E 4	257	-158	36	1,713
May	^E 1,620	^E 6	269	-412	13	1,495
June	^E 1,558	^E 5	252	-470	-9	1,335
July	^E 1,606	^E 6	291	-361	30	1,570
August	^E 1,604	^E 6	280	-309	28	1,609
September	^E 1,568	^E 5	266	-411	-47	1,381
October	^E 1,605	^E 5	270	-284	-69	1,527
November	^E 1,544	^E 6	246	86	^R -158	1,725
December	^E 1,609	^E 6	286	473	^R -127	2,248
Total	^E 19,068	^E 65	3,236	-193	^R -239	^R 21,937
2004						
January	^{RE} 1,616	^E 6	^E 320	811	^R -101	^R 2,653
February	^E 1,531	^{RE} 6	^E 274	600	^R 40	2,450
2004 YTD	^E 3,147	^E 12	^E 595	1,410	-61	5,103
2003 YTD	^E 3,121	^E 11	550	1,517	-43	5,156
2002 YTD	3,078	12	585	1,031	27	4,731

^a Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1999 through 2002 include underground storage and liquefied natural gas storage. Data for January 2003 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

^c Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item for 1999-2002 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 58 for 2002; -36 for 2001; -65 for 2000; -8 for 1999. See Appendix A, Explanatory Note 8, for full discussion.

^d Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

^R Revised Data.

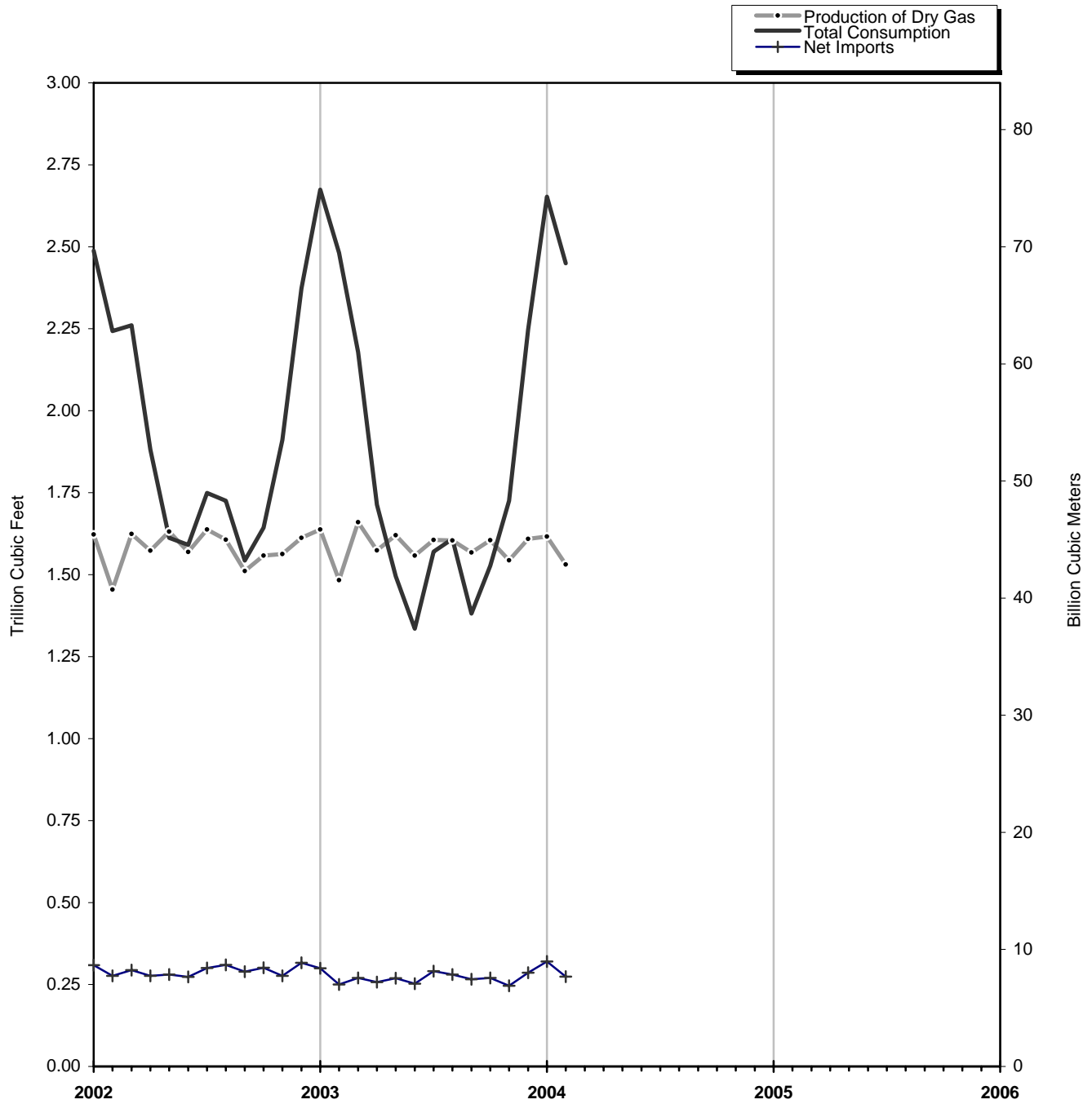
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline and Distribution Use ^b	Delivered to Consumers						Total Consumption
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total	
1999 Total	1,079	645	4,726	3,045	8,079	4,820	12	20,681	22,405
2000 Total	1,151	642	4,996	3,182	8,142	5,206	13	21,540	23,333
2001 Total	1,119	625	4,771	3,023	7,344	5,342	15	20,495	22,239
2002									
January	96	73	816	430	691	381	1	2,319	2,488
February	86	66	713	397	635	344	1	2,091	2,243
March	96	66	661	369	660	407	1	2,098	2,260
April	92	54	415	264	649	404	1	1,734	1,881
May	95	46	255	190	614	410	1	1,471	1,612
June	92	46	160	144	597	551	1	1,453	1,591
July	95	50	125	134	610	734	1	1,604	1,749
August	94	50	116	133	614	718	1	1,581	1,725
September	89	44	124	139	577	569	1	1,409	1,543
October	92	47	251	195	615	442	1	1,504	1,643
November	92	55	483	295	632	352	1	1,763	1,911
December	95	69	771	414	662	360	1	2,209	2,373
Total	1,114	667	4,890	3,103	7,557	5,672	15	21,236	23,018
2003									
January	^E 96	78	953	^R 511	^R 669	367	1	^R 2,501	^R 2,674
February	^E 87	72	890	476	626	329	1	2,323	2,482
March	^E 98	63	679	382	603	353	1	2,018	2,178
April	^E 93	50	417	257	562	333	1	1,571	1,713
May	^E 95	43	250	177	547	381	1	1,357	1,495
June	^E 92	39	158	135	500	411	1	1,205	1,335
July	^E 94	46	127	130	563	609	1	1,431	1,570
August	^E 94	47	116	128	569	654	1	1,468	1,609
September	^E 92	40	128	133	552	434	1	1,249	1,381
October	^E 94	44	230	178	588	391	1	1,389	1,527
November	^E 91	50	414	^R 248	583	338	1	^R 1,584	1,725
December	^E 95	65	^R 742	^R 386	629	329	1	^R 2,088	2,248
Total	^E 1,121	636	^R 5,105	^R 3,141	^R 6,990	4,929	15	^R 20,181	^R 21,937
2004									
January	^{RE} 95	^R 77	^R 973	^R 488	^R 677	^R 342	1	^R 2,481	^R 2,653
February	^E 90	71	864	463	641	^E 320	1	NA	2,450
2004 YTD^d	^E 185	148	1,836	951	1,318	^E 662	3	NA	5,103
2003 YTD^d	^E 183	149	1,843	987	1,295	696	2	4,823	5,156
2002 YTD^d	182	139	1,529	827	1,326	726	2	4,411	4,731

^a Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^b Pipeline and distribution use is collected only on an annual basis. Monthly pipeline and distribution use data are estimated from monthly total consumption(excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next twelve months.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

^E Estimated Data.

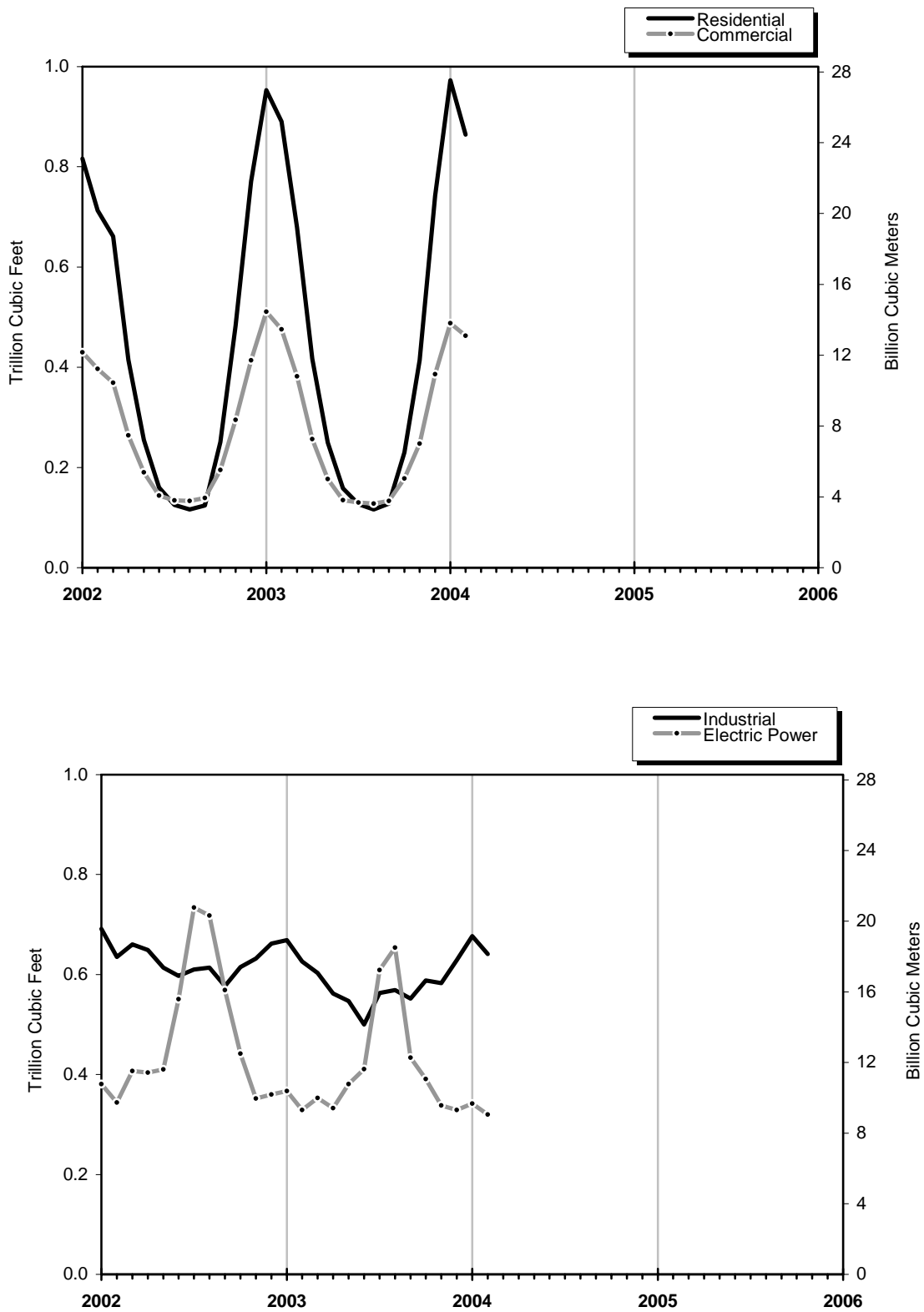
^{RE} Revised Estimated Data.

NA Not Available.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

Sources: 1999-2002: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2002*. January 2003 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 2002-2004



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1999-2004

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Consumer Prices					Electric Power Price ^c
			Residential Price	Commercial		Industrial		
				Price	% of Total ^b	Price	% of Total ^b	
1999 Annual Average	2.19	3.10	6.69	5.33	66.1	3.12	18.8	2.62
2000 Annual Average	3.68	4.62	7.76	6.59	63.9	4.45	19.8	4.38
2001 Annual Average	4.00	5.72	9.63	8.43	66.0	5.24	20.8	4.61
2002								
January	2.50	3.79	7.39	6.53	80.8	4.05	20.1	^R 3.10
February	2.19	3.76	7.24	6.41	81.2	3.70	20.4	^R 2.86
March	2.40	3.84	7.11	6.30	82.3	3.78	20.0	^R 3.37
April	2.94	4.21	7.68	6.57	77.8	3.64	26.1	^R 3.80
May	2.94	4.07	8.55	6.69	74.1	4.07	23.8	^R 3.78
June	2.96	4.15	9.60	6.82	74.4	3.86	25.4	^R 3.61
July	2.92	3.95	10.34	6.63	72.7	3.80	23.8	^R 3.49
August	2.76	3.67	10.47	6.46	73.3	3.62	22.4	^R 3.42
September	2.97	3.99	10.26	6.55	71.0	3.89	22.4	^R 3.71
October	3.24	4.32	8.62	6.65	74.7	4.18	21.6	^R 4.19
November	3.59	4.65	8.01	6.91	79.5	4.72	21.7	^R 4.35
December	3.96	4.74	7.88	7.18	80.7	4.92	23.0	^R 4.72
Annual Average	2.95	4.12	7.91	6.64	78.4	4.02	22.5	^R 3.68
2003								
January	^E 4.47	5.31	8.07	7.34	79.1	5.54	^R 21.2	^R 4.13
February	^E 5.45	5.86	8.44	7.83	79.6	6.27	21.8	^R 5.03
March	^E 6.69	7.60	9.61	8.96	80.0	8.01	21.4	^R 6.08
April	^E 4.71	5.61	10.05	8.76	76.6	5.89	21.2	^R 4.57
May	^E 4.97	5.66	10.63	8.73	73.5	5.61	20.5	^R 4.82
June	^E 5.35	6.40	11.91	8.88	72.4	6.37	20.0	^R 5.11
July	^E 4.91	5.82	12.53	8.68	71.2	5.63	25.7	^R 4.75
August	^E 4.72	5.48	12.74	8.35	73.4	5.22	23.6	^R 4.77
September	^E 4.58	5.58	12.18	8.34	72.4	5.31	23.1	^R 4.50
October	^E 4.43	5.25	10.54	8.17	73.0	4.80	23.3	^R 4.54
November	^E 4.34	^R 5.50	9.68	^R 8.24	^R 77.2	5.15	22.3	^R 4.11
December	^E 5.08	^R 5.90	^R 9.40	8.44	^R 80.0	5.77	23.2	^R 4.34
Annual Average	^E 4.98	^R 5.85	9.51	8.26	77.3	5.78	22.3	4.73
2004								
January	^E 5.53	^R 6.39	^R 9.60	^R 8.85	80.5	^R 6.63	^R 22.1	NA
February	^E 5.15	6.34	9.73	8.90	80.8	6.39	23.1	NA
2004 YTD ^d	^E 5.34	6.37	9.67	8.88	80.7	6.51	22.5	NA
2003 YTD ^d	^E 4.96	5.56	8.25	7.58	79.4	5.90	21.5	4.56
2002 YTD ^d	2.35	3.78	7.32	6.47	81.0	3.88	20.3	2.52

^a See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

^b Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

^c The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

^d Year-to-date price represents months for which price information is available in the current year. The electric power year-to-date price is 2 month behind the wellhead, city gate, residential, commercial, and

industrial year-to-date prices.

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: 1999-2002: Energy Information Administration (EIA) *Natural Gas Annual 2002*. January 2003 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Consumer Price of Natural Gas in the U.S., 2002-2004

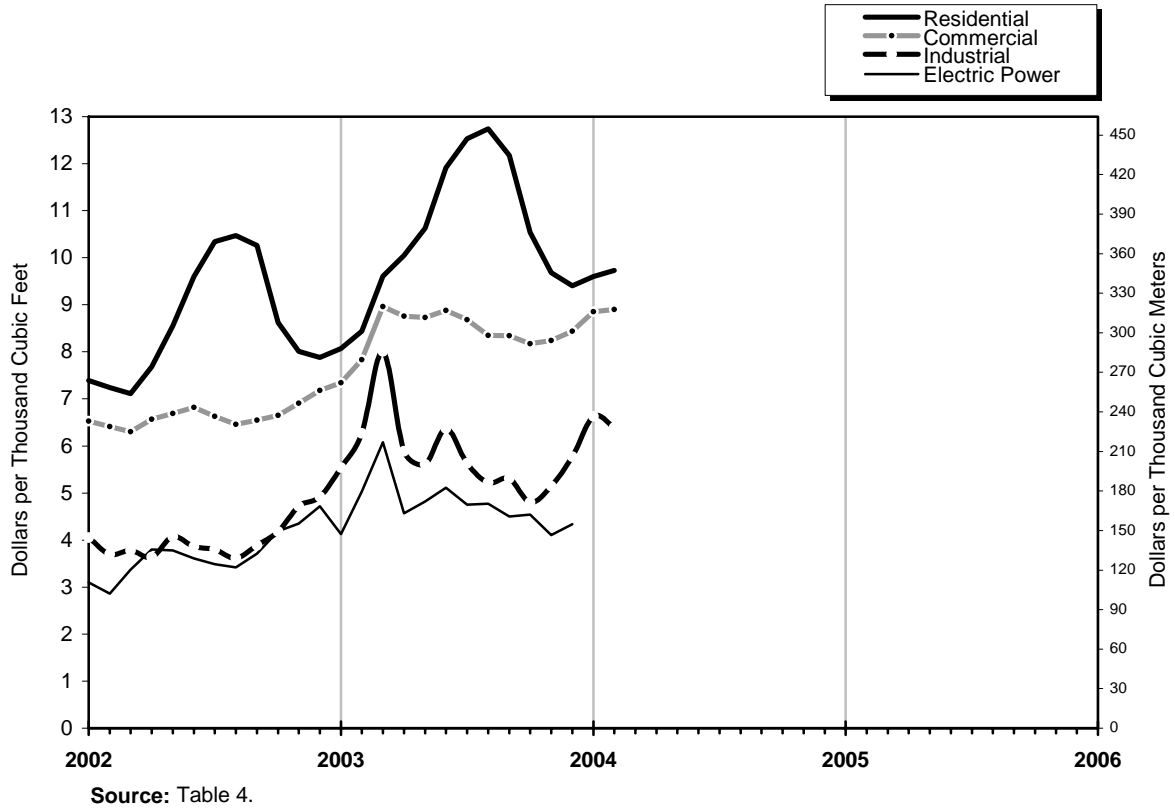


Figure 4. Average Price of Natural Gas in the United States, 2002-2004

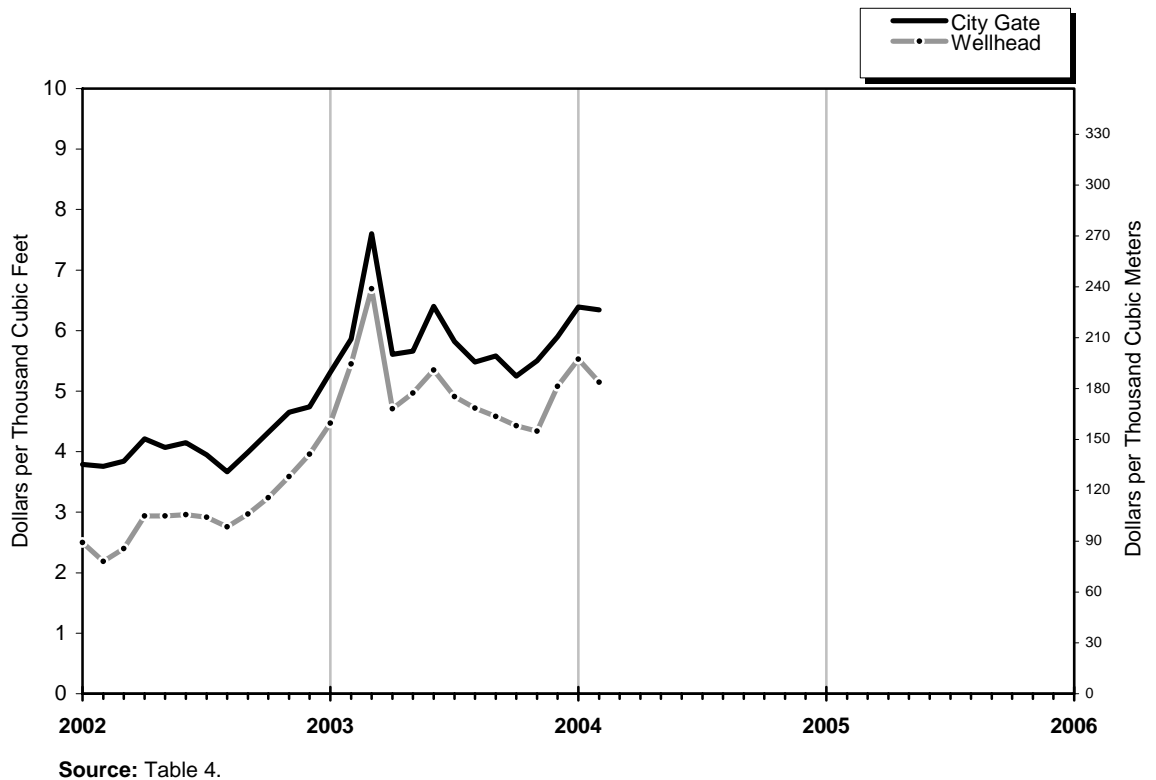


Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	£951,766	917,215	954,473	£315,663	£295,586	£340,516
Mexico	0	0	1,755	0	0	0
Total Pipeline Imports	£951,766	917,215	956,228	£315,663	£295,586	£340,516
LNG						
Algeria	NA	2,778	2,726	NA	NA	NA
Australia	NA	0	0	NA	NA	NA
Brunei	NA	0	0	NA	NA	NA
Indonesia	NA	0	0	NA	NA	NA
Malaysia	NA	0	0	NA	NA	NA
Nigeria	NA	0	0	NA	NA	NA
Oman	NA	0	0	NA	NA	NA
Qatar	NA	1,871	0	NA	NA	NA
Trinidad/Tobago	NA	70,473	23,040	NA	NA	NA
United Arab Emirates	NA	0	0	NA	NA	NA
Total LNG Imports	£120,217	75,122	25,766	£40,072	£40,072	£40,072
Total Imports	£1,071,983	992,336	981,994	£355,735	£335,659	£380,589
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	NA	6.23	2.55	NA	NA	NA
Mexico	-	-	2.36	-	-	-
Total Pipeline Imports	NA	6.23	2.55	NA	NA	NA
LNG						
Algeria	NA	7.79	3.77	NA	NA	NA
Australia	NA	-	-	NA	NA	NA
Brunei	NA	-	-	NA	NA	NA
Indonesia	NA	-	-	NA	NA	NA
Malaysia	NA	-	-	NA	NA	NA
Nigeria	NA	-	-	NA	NA	NA
Oman	NA	-	-	NA	NA	NA
Qatar	NA	5.94	-	NA	NA	NA
Trinidad/Tobago	NA	4.86	2.99	NA	NA	NA
United Arab Emirates	NA	-	-	NA	NA	NA
Total LNG Imports	NA	4.99	3.07	NA	NA	NA
Total Imports	NA	6.14	2.56	NA	NA	NA
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	£73,638	87,052	46,365	£26,797	£24,101	£22,740
Mexico	£96,843	70,497	41,544	£32,281	£32,281	£32,281
Total Pipeline Exports	£170,481	157,548	87,910	£59,078	£56,382	£55,021
LNG						
Japan	15,765	15,434	14,979	5,564	5,130	5,071
Mexico	NA	124	127	NA	NA	NA
Total LNG Exports	15,765	15,558	15,106	5,564	5,130	5,071
Total Exports	£186,246	173,106	103,015	£64,642	£61,512	£60,092
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	NA	7.79	2.40	NA	NA	NA
Mexico	NA	6.14	2.57	NA	NA	NA
Total Pipeline Exports	NA	7.05	2.48	NA	NA	NA
LNG						
Japan	NA	4.38	4.00	NA	NA	NA
Mexico	NA	5.82	5.82	NA	NA	NA
Total LNG Exports	NA	4.39	4.02	NA	NA	NA
Total Exports	NA	6.81	2.70	NA	NA	NA
Net Imports - Volume	£885,737	819,230	878,979	£291,094	£274,147	£320,497

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	Total	December	November	October	September	August
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	3,421,167	321,813	269,920	273,406	266,841	282,616
Mexico	0	0	0	0	0	0
Total Pipeline Imports	3,421,167	321,813	269,920	273,406	266,841	282,616
LNG						
Algeria	53,423	2,659	2,784	10,910	8,191	2,768
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	2,704	0	0	0	0	0
Nigeria	50,067	0	0	5,787	8,250	8,132
Oman	8,632	0	3,664	0	2,322	2,646
Qatar	13,623	0	0	2,999	5,760	0
Trinidad/Tobago	378,069	37,414	40,295	37,828	29,312	35,466
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	506,519	40,072	46,743	57,523	53,835	49,012
Total Imports	3,927,686	361,886	316,663	330,929	320,676	331,628
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	5.22	5.10	4.08	4.08	5.10	4.08
Mexico	-	-	-	-	-	-
Total Pipeline Imports	5.22	5.10	4.08	4.08	5.10	4.08
LNG						
Algeria	5.49	4.94	4.38	4.84	5.15	4.61
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	4.97	-	-	-	-	-
Nigeria	4.66	-	-	4.48	4.57	4.50
Oman	4.23	-	4.60	-	3.96	3.96
Qatar	4.99	-	-	3.54	4.79	-
Trinidad/Tobago	4.69	4.73	4.33	4.19	4.49	4.39
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	4.78	4.74	4.35	4.31	4.61	4.40
Total Imports	5.16	5.06	4.12	4.12	5.02	4.13
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	294,285	37,899	32,282	20,252	21,249	16,213
Mexico	332,829	32,281	32,934	32,953	27,760	29,764
Total Pipeline Exports	627,115	70,180	65,216	53,205	49,009	45,977
LNG						
Japan	64,389	5,663	5,659	7,566	5,475	5,145
Mexico	376	38	37	32	28	21
Total LNG Exports	64,765	5,701	5,696	7,598	5,503	5,166
Total Exports	691,880	75,882	70,912	60,804	54,512	51,142
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	6.05	5.26	4.92	4.81	5.31	4.94
Mexico	5.36	5.56	4.47	4.58	4.89	4.96
Total Pipeline Exports	5.68	5.40	4.69	4.67	5.07	4.95
LNG						
Japan	4.47	4.50	4.44	4.39	4.39	4.42
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.48	4.51	4.45	4.40	4.40	4.43
Total Exports	5.57	5.33	4.67	4.63	5.00	4.90
Net Imports - Volume	3,235,806	286,004	245,751	270,125	266,165	280,485

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	July	June	May	April	March	February
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	282,729	257,511	273,438	275,678	293,362	287,797
Mexico	0	0	0	0	0	0
Total Pipeline Imports	282,729	257,511	273,438	275,678	293,362	287,797
LNG						
Algeria	5,462	2,788	4,190	10,893	2,778	0
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	2,704	0	0	0	0	0
Nigeria	2,770	11,237	11,288	2,604	0	0
Oman	0	0	0	0	0	0
Qatar	2,993	0	0	0	1,871	0
Trinidad/Tobago	43,874	33,889	30,336	19,184	26,353	21,007
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	57,803	47,914	45,814	32,682	31,002	21,007
Total Imports	340,532	305,425	319,251	308,360	324,364	308,804
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	5.10	5.91	5.10	5.10	8.01	5.94
Mexico	-	-	-	-	-	-
Total Pipeline Imports	5.10	5.91	5.10	5.10	8.01	5.94
LNG						
Algeria	6.68	5.54	4.75	6.12	7.79	-
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	4.97	-	-	-	-	-
Nigeria	5.27	4.63	4.73	5.02	-	-
Oman	-	-	-	-	-	-
Qatar	6.22	-	-	-	5.94	-
Trinidad/Tobago	5.01	5.08	4.79	5.11	5.09	4.79
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	5.24	5.00	4.77	5.44	5.38	4.79
Total Imports	5.12	5.77	5.05	5.14	7.76	5.86
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	15,845	20,164	17,646	25,684	31,742	27,892
Mexico	27,381	30,124	28,919	20,217	17,298	25,177
Total Pipeline Exports	43,226	50,288	46,565	45,900	49,040	53,070
LNG						
Japan	6,546	3,498	3,798	5,605	5,565	5,569
Mexico	18	19	27	33	40	40
Total LNG Exports	6,564	3,518	3,825	5,637	5,604	5,609
Total Exports	49,790	53,805	50,390	51,537	54,644	58,678
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	5.64	6.16	5.54	5.51	9.29	7.44
Mexico	5.29	5.95	5.60	5.15	8.46	5.78
Total Pipeline Exports	5.42	6.03	5.58	5.35	9.00	6.65
LNG						
Japan	4.67	4.75	4.61	4.43	4.29	4.43
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.67	4.76	4.62	4.44	4.30	4.44
Total Exports	5.32	5.95	5.50	5.25	8.52	6.44
Net Imports - Volume	290,742	251,619	268,861	256,822	269,720	250,126

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003	2002				
	January	Total	December	November	October	September
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	336,055	3,784,978	350,581	308,739	316,006	318,707
Mexico	0	1,755	0	0	0	0
Total Pipeline Imports	336,055	3,786,733	350,581	308,739	316,006	318,707
LNG						
Algeria	0	26,584	2,636	2,636	0	0
Australia	0	0	0	0	0	0
Brunei	0	2,401	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	2,423	0	0	0	0
Nigeria	0	8,123	0	0	5,403	0
Oman	0	3,013	0	0	0	0
Qatar	0	35,081	0	0	0	2,517
Trinidad/Tobago	23,113	151,104	17,512	19,169	22,018	14,369
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	23,113	228,730	20,147	21,804	27,421	16,886
Total Imports	359,168	4,015,463	370,729	330,544	343,427	335,594
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	4.93	3.13	4.19	4.05	3.58	3.04
Mexico	-	2.36	-	-	-	-
Total Pipeline Imports	4.93	3.13	4.19	4.05	3.58	3.04
LNG						
Algeria	-	3.61	4.20	4.07	-	-
Australia	-	-	-	-	-	-
Brunei	-	3.25	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	3.43	-	-	-	-
Nigeria	-	3.21	-	-	3.01	-
Oman	-	3.34	-	-	-	-
Qatar	-	3.39	-	-	-	3.59
Trinidad/Tobago	4.65	3.40	4.37	3.81	3.49	3.27
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	4.65	3.41	4.35	3.84	3.39	3.32
Total Imports	4.91	3.15	4.20	4.04	3.56	3.06
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	27,417	189,313	26,005	27,678	10,182	13,471
Mexico	28,021	263,078	23,113	21,264	26,314	27,482
Total Pipeline Exports	55,439	452,391	49,118	48,942	36,495	40,952
LNG						
Japan	4,301	63,439	5,660	5,609	5,571	5,583
Mexico	44	403	43	37	43	28
Total LNG Exports	4,345	63,842	5,703	5,647	5,614	5,611
Total Exports	59,784	516,233	54,821	54,589	42,109	46,563
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	6.40	3.35	4.33	4.34	3.78	3.23
Mexico	5.03	3.30	4.26	4.03	3.58	3.25
Total Pipeline Exports	5.71	3.32	4.30	4.20	3.64	3.24
LNG						
Japan	4.42	4.07	4.33	4.29	4.27	4.29
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.43	4.08	4.34	4.30	4.28	4.30
Total Exports	5.62	3.41	4.30	4.21	3.72	3.37
Net Imports - Volume	299,384	3,499,230	315,908	275,955	301,318	289,031

^a EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^e Estimated Data.

^{NA} Not Available.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. Summary of U.S. Natural Gas Imports and Exports, 1998-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	1998	1999	2000	2001	2002
Imports					
Volume (million cubic feet)					
Pipeline					
Canada	3,052,073	3,367,545	3,543,966	^a 3,728,537	3,784,978
Mexico	14,532	54,530	11,601	10,276	1,755
Total Pipeline Imports	3,066,605	3,422,075	3,555,567	3,738,814	3,786,733
LNG					
Algeria	68,567	75,763	46,947	64,945	26,584
Australia	11,634	11,904	5,945	2,394	0
Brunei	0	0	0	0	2,401
Indonesia	0	0	2,760	0	0
Malaysia	0	2,576	0	0	2,423
Nigeria	0	0	12,654	37,966	8,123
Oman	0	0	9,998	12,055	3,013
Qatar	0	19,697	46,057	22,758	35,081
Trinidad/Tobago	0	50,777	98,949	98,009	151,104
United Arab Emirates	5,252	2,713	2,725	0	0
Total LNG Imports	85,453	163,430	226,036	238,126	228,730
Total Imports	3,152,058	3,585,505	3,781,603	3,976,939	4,015,463
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	1.95	2.23	3.97	4.43	3.13
Mexico	2.03	2.14	5.43	5.00	2.36
Total Pipeline Imports	1.95	2.23	3.98	4.44	3.13
LNG					
Algeria	2.51	2.41	3.48	3.73	3.61
Australia	3.30	2.70	3.25	3.86	-
Brunei	-	-	-	-	3.25
Indonesia	-	-	3.99	-	-
Malaysia	-	2.36	-	-	3.43
Nigeria	-	-	4.37	5.56	3.21
Oman	-	-	3.36	5.56	3.34
Qatar	-	2.71	3.44	4.37	3.39
Trinidad/Tobago	-	2.39	3.43	4.14	3.40
United Arab Emirates	2.63	3.03	3.53	-	-
Total LNG Imports	2.63	2.47	3.50	4.35	3.41
Total Imports	1.97	2.24	3.95	4.43	3.15
Exports					
Volume (million cubic feet)					
Pipeline					
Canada	39,891	38,508	72,586	166,690	189,313
Mexico	53,133	61,025	105,102	140,370	263,078
Total Pipeline Exports	93,023	99,533	177,688	307,060	452,391
LNG					
Japan	65,951	63,607	65,610	65,753	63,439
Mexico	33	275	418	465	403
Total LNG Exports	65,984	63,882	66,028	66,218	63,842
Total Exports	159,007	163,415	243,716	373,278	516,233
Average Price dollars per thousand cubic feet)					
Pipeline					
Canada	2.25	2.35	3.66	3.97	3.35
Mexico	2.04	2.27	4.26	4.34	3.30
Total Pipeline Exports	2.13	2.30	4.01	4.14	3.32
LNG					
Japan	2.91	3.08	4.31	4.39	4.07
Mexico	5.69	6.95	5.82	5.82	5.82
Total LNG Exports	2.91	3.10	4.31	4.40	4.08
Total Exports	2.45	2.61	4.10	4.19	3.41
Net Imports - Volume	2,993,051	3,422,090	3,537,887	3,603,661	3,499,230

^a Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on

the same physical basis as other reported volumes of pipeline imports.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004

(Million Cubic Feet)

Year and Month	Alabama	Alaska	Arizona	California	Colorado	Florida	Kansas
1999 Total	381,701	462,967	474	382,715	722,738	5,933	553,419
2000 Total	363,467	458,995	368	376,580	752,985	6,491	525,729
2001 Total	356,810	471,440	307	377,824	817,206	5,710	480,145
2002							
January	29,824	42,581	26	30,406	74,313	283	39,756
February	27,219	38,689	23	26,460	67,101	284	35,447
March	29,303	43,240	26	29,035	75,614	328	39,467
April	28,624	37,260	23	27,670	71,202	306	38,367
May	28,908	33,128	23	29,771	71,555	297	39,455
June	28,600	36,367	24	29,129	68,970	241	38,787
July	29,707	35,925	29	31,437	70,861	284	39,030
August	31,095	36,326	28	31,498	71,988	281	38,810
September	30,166	37,770	28	30,881	64,981	289	36,242
October	31,594	39,890	25	32,190	72,442	248	37,093
November	30,465	39,339	23	30,925	64,602	244	35,767
December	30,556	42,787	23	30,804	67,893	269	36,679
Total	356,061	463,301	301	360,205	841,521	3,353	454,901
2003							
January	30,763	42,229	22	29,894	83,130	236	36,158
February	28,063	38,442	21	27,119	75,511	^E 200	32,308
March	31,401	52,604	21	29,442	82,932	^E 234	35,429
April	29,782	39,481	21	^E 28,574	78,817	^E 210	34,533
May	29,933	36,457	24	29,536	81,900	210	38,050
June	29,136	36,077	23	28,445	78,820	280	33,991
July	29,643	35,809	24	29,568	78,272	275	35,848
August	30,317	35,327	22	28,101	77,726	236	36,294
September	28,868	36,478	21	27,467	80,855	272	34,554
October	29,525	40,135	21	27,391	79,555	294	34,781
November	28,276	40,580	20	26,745	80,731	^{RE} 266	33,706
December	^R 28,829	42,616	22	27,491	77,478	^R 288	34,262
Total	^R354,537	476,236	262	^E339,773	955,727	^{RE}3,000	419,913
2004							
January	^E 24,871	43,810	21	27,837	80,560	284	34,154

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004
(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1999 Total	1,566,916	277,364	111,021	61,163	1,511,671	52,862	1,594,002
2000 Total	1,455,014	296,556	88,558	69,936	1,695,295	52,426	1,612,890
2001 Total	1,502,086	275,036	107,541	81,397	1,689,125	54,732	1,615,384
2002							
January	117,669	34,721	9,510	7,390	141,440	4,760	135,000
February	108,552	13,117	8,855	6,749	128,689	4,282	118,023
March	117,930	31,181	9,016	7,406	141,104	4,712	131,581
April	114,112	17,397	8,706	6,913	133,596	4,621	130,803
May	119,354	29,161	9,321	7,157	139,328	4,907	132,939
June	117,417	17,542	9,065	6,614	130,375	4,627	123,978
July	118,644	34,609	9,067	7,251	137,861	4,768	131,546
August	115,392	13,770	9,443	7,171	136,832	4,874	131,156
September	107,291	18,666	10,110	7,037	133,572	5,270	127,487
October	102,774	29,863	10,172	7,429	139,159	4,865	134,834
November	110,156	15,889	9,464	7,070	133,847	4,629	127,526
December	112,458	18,560	10,250	7,888	136,276	4,733	126,397
Total	1,361,751	274,476	112,980	86,075	1,632,080	57,048	1,551,272
2003							
January	^E 113,923	30,488	10,990	6,902	129,805	4,607	^E 141,591
February	^E 106,400	15,229	9,530	6,546	118,977	4,132	^E 128,156
March	^E 118,513	22,663	10,566	7,116	133,383	4,557	^E 140,777
April	^E 116,731	15,026	10,924	6,817	126,853	4,311	^E 134,043
May	^E 119,816	22,584	11,317	6,767	130,740	4,470	^E 140,654
June	^E 111,791	17,416	11,065	6,788	124,507	4,595	^E 136,475
July	^E 115,349	21,166	11,099	6,971	130,915	4,714	^E 143,336
August	^E 118,792	18,469	11,643	6,597	128,559	4,739	^E 143,367
September	^E 112,109	28,238	11,746	6,987	129,390	4,781	^E 137,758
October	^E 112,441	19,122	12,271	7,362	132,421	4,804	^E 142,165
November	^E 111,678	9,571	11,435	^{RE} 7,317	128,554	4,868	^E 137,698
December	^E 114,684	18,542	13,458	^{RE} 8,171	131,138	4,983	^E 142,843
Total	^E 1,372,227	238,513	136,043	^{RE} 84,344	1,545,243	55,561	^E 1,668,863
2004							
January	^E 114,433	24,888	12,308	^E 7,960	^E 128,929	5,072	^E 144,322

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004
(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas	Utah	Wyoming	Other ^a States	Federal Gulf of Mexico	U.S. Total
1999 Total	1,291	5,054,486	262,614	971,230	800,579	5,029,704	19,804,848
2000 Total	1,214	5,282,104	269,285	1,088,328	866,902	4,934,387	20,197,511
2001 Total	1,110	5,282,723	283,913	1,363,879	776,303	5,027,623	20,570,295
2002							
January	75	438,365	23,711	119,588	69,088	386,488	1,704,995
February	69	395,589	21,659	110,642	65,072	351,663	1,528,184
March	71	437,880	23,756	118,889	71,191	393,909	1,705,641
April	74	424,705	22,507	117,690	66,003	401,856	1,652,435
May	73	437,461	23,348	123,154	66,851	417,287	1,713,477
June	73	424,759	22,313	117,021	68,153	404,334	1,648,390
July	71	438,307	22,564	122,163	65,435	420,912	1,720,471
August	68	434,699	23,058	110,766	67,880	423,333	1,688,469
September	63	418,082	21,574	118,447	65,604	354,217	1,587,778
October	70	437,424	23,330	129,180	70,392	332,977	1,635,953
November	65	420,265	23,074	130,736	70,060	387,666	1,641,812
December	64	433,539	23,845	135,681	75,773	398,713	1,693,187
Total	837	5,141,075	274,739	1,453,957	821,503	4,673,355	19,920,790
2003							
January	70	^E 447,039	23,759	132,547	^E 71,375	^E 385,124	^E 1,720,652
February	64	^E 405,902	21,511	118,544	^E 67,669	^E 353,487	^E 1,557,812
March	^E 70	^E 448,607	23,993	130,518	^E 73,575	^E 396,999	^E 1,743,400
April	66	^E 425,355	22,719	123,604	^E 69,024	^E 386,800	^E 1,653,690
May	68	^E 448,495	^E 23,450	116,924	^E 67,756	^E 392,155	^E 1,701,305
June	61	^E 433,918	22,139	120,000	^E 70,961	^E 370,049	^E 1,636,538
July	61	^E 451,986	21,673	122,714	^E 67,236	^E 380,073	^E 1,686,733
August	62	^E 451,930	22,253	122,837	^E 70,298	^E 376,874	^E 1,684,444
September	54	^E 435,111	21,729	124,132	^E 68,911	^E 357,357	^E 1,646,818
October	49	^E 446,319	22,621	131,349	^E 73,530	^E 370,262	^E 1,686,417
November	50	^E 432,782	21,865	127,995	^E 71,406	^E 346,876	^{RE} 1,622,420
December	56	^E 450,460	^R 22,889	134,288	^E 77,639	^E 360,009	^{RE} 1,690,146
Total	^E 731	^E 5,277,904	^{RE} 270,600	1,505,452	^E 849,381	^E 4,476,065	^{RE} 20,030,376
2004							
January	^E 63	^E 453,985	^E 22,334	132,523	^E 71,291	^E 368,343	^E 1,697,987

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2003 monthly values for these States are estimated.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1998 through 2002 are final. All other data are preliminary

unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Sources: 1998-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002* and Minerals Management Service reports. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, January 2004
(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	£26,345	£379	£26,725	£238	£1,496	£120	£24,871
Alaska	18,513	314,222	332,735	288,385	0	540	43,810
Arizona	21	0	21	0	0	0	21
California	6,714	23,414	30,128	1,868	284	138	27,837
Colorado	70,071	11,407	81,477	815	0	102	80,560
Florida	0	321	321	0	37	0	284
Kansas	34,246	0	34,246	58	0	34	34,154
Louisiana	£98,136	£18,067	£116,203	£977	£0	£793	£114,433
Michigan	20,255	5,064	25,319	178	0	253	24,888
Mississippi	14,356	368	14,724	507	1,590	319	12,308
Montana	£7,182	£817	£7,999	£1	0	£39	£7,960
New Mexico	£111,868	£18,045	£129,913	£842	0	£142	£128,929
North Dakota	1,293	3,985	5,278	0	10	196	5,072
Oklahoma	£130,471	£13,851	£144,322	£0	£0	£0	£144,322
Oregon	£63	0	£63	0	0	0	£63
Texas	£407,149	£98,518	£505,667	£38,088	£11,490	£2,103	£453,985
Utah	£21,143	£2,447	£23,590	£145	£1,060	£51	£22,334
Wyoming	144,272	16,484	160,755	9,902	17,124	1,205	132,523
Other States	£69,232	£2,712	£71,944	0	£516	£137	£71,291
Federal Gulf of Mexico	£299,058	£72,098	£371,156	£1,229	£0	£1,584	£368,343
Total	£1,480,387	£602,199	£2,082,586	£343,235	£33,607	£7,757	£1,697,987

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[£] Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

Table 9. Underground Natural Gas Storage - All Operators, 1999-2004

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1999 Total^a	—	—	—	—	—	2,598	2,772	174
2000 Total^a	—	—	—	—	—	2,684	3,498	814
2001 Total^a	—	—	—	—	—	3,464	2,309	-1,156
2002								
January	4,313	2,344	6,657	1,078	85.2	59	606	546
February	4,356	1,838	6,194	925	101.4	55	520	464
March	4,355	1,518	5,873	776	104.7	108	428	320
April	4,355	1,659	6,014	666	67.1	238	112	-126
May	4,361	1,968	6,329	528	36.7	381	60	-322
June	4,355	2,308	6,663	426	22.6	397	56	-341
July	4,358	2,539	6,896	278	12.3	343	101	-242
August	4,357	2,773	7,130	198	7.7	325	90	-236
September	4,342	3,042	7,384	97	3.3	340	71	-269
October	4,342	3,116	7,458	-28	-0.9	232	145	-87
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	627	560
Total	—	—	—	—	—	2,670	3,138	468
2003								
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284
November	4,305	3,038	7,343	110	3.7	142	228	86
December	4,305	2,565	6,869	189	8.0	70	543	473
Total	—	—	—	—	—	3,288	3,095	-193
2004								
January	4,301	1,751	6,052	217	14.1	59	869	811
February	4,297	1,156	5,452	292	33.8	47	646	600
March	4,283	1,058	5,342	328	45.0	165	269	103

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1999 - 8,229; 2000 - 8,241; 2001 - 8,415; and 2002 - 8,207.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

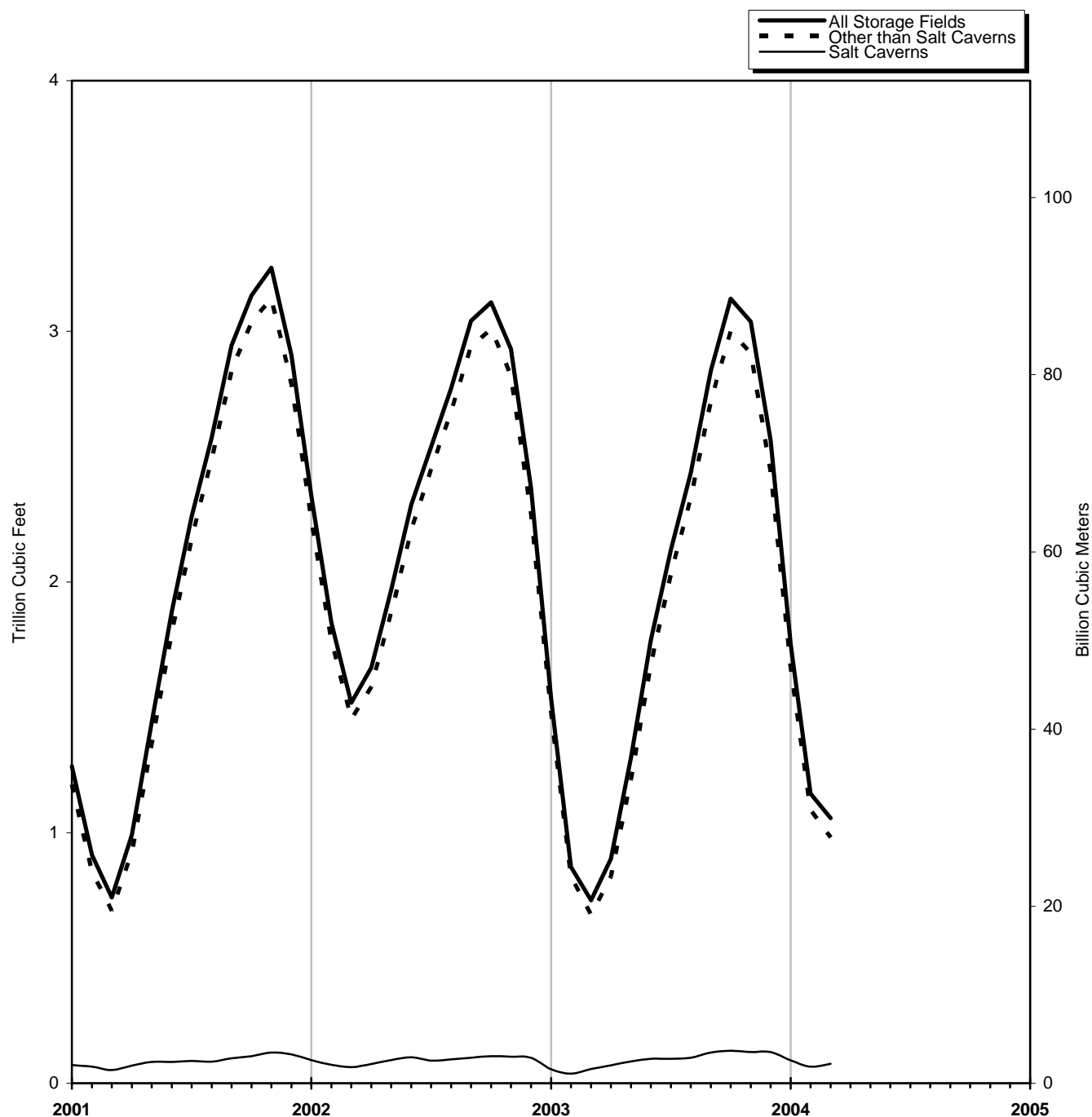
Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2001-2004



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 2001-2004

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
October 2001	4,310	3,144	7,454	412	15.1	282	93	-190
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	210	138	-73
December	4,301	2,904	7,204	1,185	68.9	80	432	352
January	4,313	2,344	6,657	1,078	85.2	59	606	546
February	4,356	1,838	6,194	925	101.4	55	520	464
March	4,355	1,518	5,873	776	104.7	108	428	320
Total	—	—	—	—	—	513	2,123	1,610
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	238	112	-126
May	4,361	1,968	6,329	528	36.7	381	60	-322
June	4,355	2,308	6,663	426	22.6	397	56	-341
July	4,358	2,539	6,896	278	12.3	343	101	-242
August	4,357	2,773	7,130	198	7.7	325	90	-236
September	4,342	3,042	7,384	97	3.3	340	71	-269
October	4,342	3,116	7,458	-28	-0.9	232	145	-87
Total	—	—	—	—	—	2,257	635	-1,621
2002-2003 Heating Season								
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	627	560
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
Total	—	—	—	—	—	451	2,862	2,411
2003 Refill Season								
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284
Total	—	—	—	—	—	2,816	411	-2,405
2003-2004 Heating Season								
November	4,305	3,038	7,343	110	3.7	142	228	86
December	4,305	2,565	6,869	189	8.0	70	543	473
January	4,301	1,751	6,052	217	14.1	59	869	811
February	4,297	1,156	5,452	292	33.8	47	646	600
March	4,283	1,058	5,342	328	45.0	165	269	103
Total	—	—	—	—	—	482	2,556	2,074

^a Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1999 Total^a	—	—	—	—	—	260	259	-1
2000 Total^a	—	—	—	—	—	296	320	24
2001 Total^a	—	—	—	—	—	341	294	-47
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	37	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	20	-15
June	77	104	181	19	22.2	32	21	-10
July	80	91	171	2	2.7	29	36	7
August	80	96	176	10	11.3	32	27	-5
September	81	102	184	2	2.2	34	27	-7
October	82	108	190	0	0.1	38	31	-7
November	75	106	181	-18	-14.3	29	28	0
December	75	102	177	-13	-10.9	30	35	4
Total	—	—	—	—	—	358	363	5
2003								
January	76	56	133	-36	-39.1	21	65	43
February	76	38	114	-37	-49.3	25	42	18
March	75	57	132	-8	-11.7	39	21	-18
April	75	72	147	-5	-6.1	34	19	-14
May	75	87	162	-6	-6.7	35	20	-15
June	75	98	172	-6	-5.7	31	20	-11
July	75	98	173	7	7.7	31	30	-1
August	75	102	177	7	6.8	27	24	-3
September	75	123	198	20	19.7	34	12	-21
October	75	130	205	22	20.1	29	21	-7
November	76	125	201	19	18.4	25	28	4
December	76	125	201	23	22.5	28	27	0
Total	—	—	—	—	—	357	330	-27
2004								
January	76	92	168	36	63.7	25	58	33
February	76	67	143	29	77.8	26	51	25
March	75	78	153	20	35.2	32	21	-11

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1999 Total^a	—	—	—	—	—	2,338	2,512	175
2000 Total^a	—	—	—	—	—	2,388	3,178	790
2001 Total^a	—	—	—	—	—	3,123	2,015	-1,108
2002								
January	4,236	2,251	6,487	1,059	88.8	36	561	525
February	4,279	1,764	6,043	918	108.6	36	481	446
March	4,278	1,453	5,731	764	111.0	80	391	311
April	4,278	1,582	5,860	661	71.7	209	96	-114
May	4,284	1,875	6,159	520	38.4	346	40	-307
June	4,278	2,205	6,483	407	22.6	366	35	-331
July	4,278	2,448	6,725	275	12.7	314	65	-249
August	4,277	2,678	6,954	188	7.5	293	62	-231
September	4,261	2,939	7,201	95	3.3	306	44	-262
October	4,260	3,008	7,268	-28	-0.9	194	114	-80
November	4,269	2,823	7,092	-308	-9.8	95	294	198
December	4,265	2,273	6,539	-516	-18.5	36	592	556
Total	—	—	—	—	—	2,313	2,775	463
2003								
January	4,265	1,478	5,743	-773	-34.3	23	821	798
February	4,258	826	5,084	-938	-53.2	23	681	658
March	4,249	673	4,922	-780	-53.7	130	284	154
April	4,240	824	5,064	-758	-47.9	243	99	-144
May	4,247	1,213	5,461	-662	-35.3	418	21	-397
June	4,248	1,671	5,919	-534	-24.2	474	15	-459
July	4,248	2,031	6,279	-417	-17.0	395	35	-360
August	4,250	2,333	6,583	-345	-12.9	343	37	-306
September	4,253	2,720	6,973	-219	-7.4	408	19	-389
October	4,252	3,000	7,252	-8	-0.2	315	38	-277
November	4,228	2,913	7,142	90	3.2	117	200	83
December	4,229	2,440	6,668	166	7.3	42	516	474
Total	—	—	—	—	—	2,931	2,765	-166
2004								
January	4,225	1,659	5,883	181	12.2	34	812	778
February	4,221	1,089	5,310	263	31.8	21	595	574
March	4,208	981	5,189	308	45.8	134	248	114

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004
(Volumes in Million Cubic Feet)

State	2004			2003			
	March	February	January	Total	December	November	October
Alabama	-229	1,180	2,417	-4,165	323	20	-728
Arkansas	455	1,331	1,912	-1	1,212	97	-679
California	-7,223	42,943	53,688	-712	35,860	4,514	-20,167
Colorado	395	4,712	3,491	-762	1,931	1,823	-3,062
Illinois	26,768	44,777	67,571	-7,505	43,473	14,742	-32,129
Indiana	2,637	4,296	6,897	224	4,066	-1,204	-3,346
Iowa	7,423	15,287	21,055	-1,774	16,451	2,186	-13,224
Kansas	1,473	17,994	23,978	-9,707	14,208	7,406	-7,672
Kentucky	1,245	12,941	18,860	-2,547	10,377	3,338	-7,149
Louisiana	-5,125	56,412	50,936	-21,853	34,617	4,456	-30,130
Maryland	523	2,661	5,535	-224	286	421	-1,815
Michigan	44,248	99,628	153,143	-44,804	79,961	14,611	-52,328
Minnesota	484	88	612	523	612	-135	-176
Mississippi	-5,067	5,650	12,798	-702	10,058	4,736	-94
Missouri	1,108	29	982	295	-26	-160	18
Montana	2,746	4,817	5,639	8,564	3,485	2,704	-1,585
Nebraska	277	1,317	797	2,853	652	1,113	-814
New Mexico	14	1,276	1,084	2,108	1,750	1,082	-1,726
New York	6,405	14,634	23,686	-6,368	13,298	1,217	-7,556
Ohio	20,210	37,598	53,518	-2,986	39,469	13,417	-14,886
Oklahoma	-100	31,718	34,428	-18,492	17,152	-21	-12,579
Oregon	941	1,501	2,680	786	902	956	-259
Pennsylvania	20,744	71,541	117,685	-41,630	51,474	3,942	-27,002
Tennessee	12	51	103	38	51	0	-46
Texas	-25,180	71,692	66,335	-31,161	33,604	-10,501	-29,757
Utah	-714	10,077	12,729	4,653	10,044	5,607	-3,807
Virginia	311	366	975	-757	545	213	-129
Washington	-1,019	5,119	2,817	-1,736	499	167	1,266
West Virginia	8,687	33,624	58,367	-20,831	42,297	7,466	-9,676
Wyoming	995	4,271	5,898	6,155	4,788	2,279	-2,733
AGA Regions							
Producing	-33,758	187,253	193,887	-83,973	112,925	7,274	-83,365
Eastern Consuming	140,597	338,749	529,175	-126,017	302,375	61,302	-170,080
Western Consuming	-3,396	73,528	87,553	17,469	58,122	17,915	-30,524
Total	103,444	599,531	810,616	-192,521	473,421	86,491	-283,970

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

State	2003						
	September	August	July	June	May	April	March
Alabama	-1,240	-144	-779	-742	-990	-797	-456
Arkansas	-907	-977	-752	-741	-632	-209	341
California	-21,318	-9,889	-12,996	-30,296	-27,859	-13,402	12,130
Colorado	-4,206	-6,122	-3,424	-4,683	638	773	2,924
Illinois	-33,079	-28,871	-32,362	-32,673	-29,399	-8,980	11,028
Indiana	-3,822	-2,907	-2,862	-3,017	-1,609	158	1,946
Iowa	-14,850	-12,884	-10,709	-5,103	-3,694	-80	4,895
Kansas	-15,287	-9,840	-9,728	-18,311	-11,018	-521	-4,997
Kentucky	-8,643	-7,289	-9,214	-13,017	-9,916	-2,675	3,213
Louisiana	-41,817	-20,684	-23,420	-33,846	-28,994	-11,766	7,692
Maryland	-160	-110	-1,363	-2,816	-2,534	-750	-124
Michigan	-74,175	-73,438	-92,383	-84,460	-71,124	-20,439	42,692
Minnesota	-239	-259	-331	-309	0	0	199
Mississippi	-3,571	-944	-7,197	-8,962	-8,651	-1,746	-8,327
Missouri	-477	25	23	27	-1,524	445	170
Montana	-1,551	-1,983	-2,317	-1,720	-1,041	-179	3,666
Nebraska	-1,291	651	1,146	-1,004	-537	-248	504
New Mexico	-30	-619	346	-605	45	-471	184
New York	-9,733	-9,714	-11,871	-13,110	-9,786	-4,999	6,003
Ohio	-25,377	-26,603	-31,747	-31,526	-31,723	-9,789	10,463
Oklahoma	-28,604	-10,965	-11,064	-24,846	-23,041	-9,198	13,335
Oregon	-1,220	-2,140	-2,348	-3,529	-113	1,174	2,426
Pennsylvania	-51,734	-37,772	-39,413	-61,273	-69,939	-15,724	8,917
Tennessee	-2	-95	-75	0	-35	0	68
Texas	-33,418	-14,729	-20,073	-45,027	-34,335	-32,473	5,851
Utah	-4,182	-2,011	-1,037	-4,308	-4,476	-7,759	1,240
Virginia	-615	-823	-412	-475	-447	-268	179
Washington	-1,935	-2,957	-1,140	-2,415	-4,927	-412	-624
West Virginia	-24,067	-22,726	-32,032	-38,730	-32,162	-16,008	5,161
Wyoming	-3,016	-2,016	-1,955	-2,139	-2,151	-2,118	4,899
AGA Regions							
Producing	-124,874	-58,903	-72,668	-133,079	-107,616	-57,180	13,624
Eastern Consuming	-248,025	-222,556	-263,274	-287,177	-264,428	-79,357	95,115
Western Consuming	-37,667	-27,376	-25,547	-49,399	-39,930	-21,924	26,859
Total	-410,566	-308,835	-361,489	-469,656	-411,974	-158,461	135,599

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

State	2003		2002				
	February	January	Total	December	November	October	September
Alabama	-420	1,789	-154	141	-397	-128	-64
Arkansas	1,409	1,836	397	877	167	-17	-393
California	49,464	33,248	17,023	44,101	-3,132	-8,108	-4,707
Colorado	8,432	4,213	1,141	2,057	-219	872	-4,030
Illinois	50,338	70,407	19,029	52,510	19,615	-29,718	-38,648
Indiana	5,301	7,519	1,840	3,853	-46	-2,803	-3,255
Iowa	13,459	21,778	4,251	18,612	-3,249	-12,503	-12,188
Kansas	20,396	25,657	15,153	14,652	10,367	2,040	-11,013
Kentucky	17,123	21,305	9,445	9,269	4,887	-1,862	-6,258
Louisiana	55,201	66,838	59,958	33,458	30,028	-6,298	-15,789
Maryland	4,003	4,738	-1,058	364	55	124	33
Michigan	128,637	157,642	99,889	98,551	46,792	-13,090	-49,780
Minnesota	504	659	-98	5	-85	-198	-300
Mississippi	7,791	16,204	3,133	3,591	-356	2,005	120
Missouri	555	1,218	-414	-118	-272	-294	-781
Montana	4,732	4,353	-5,933	3,487	1,926	70	-4,298
Nebraska	1,512	1,170	984	755	57	3	-906
New Mexico	1,728	424	7,815	1,956	1,366	740	-446
New York	17,730	22,151	2,810	15,568	3,786	-4,953	-8,707
Ohio	43,314	62,002	28,333	46,875	17,435	-6,995	-22,458
Oklahoma	32,780	38,560	36,302	22,547	9,873	3,238	-6,965
Oregon	2,367	2,570	-2,852	1,792	-1,318	-699	-1,900
Pennsylvania	77,271	119,623	56,838	75,594	9,548	-4,259	-32,448
Tennessee	110	62	131	46	86	2	3
Texas	72,434	77,260	73,811	51,271	31,687	-9,816	-19,944
Utah	8,305	7,036	-2,118	7,270	3,374	377	-3,608
Virginia	496	978	-32	442	248	-272	-344
Washington	7,520	3,221	-362	1,092	-1,335	1,698	-1,487
West Virginia	37,668	61,978	43,298	44,193	14,615	3,608	-16,504
Wyoming	5,576	4,741	-741	5,645	2,574	292	-1,678
AGA Regions							
Producing	191,320	228,568	196,415	128,493	82,734	-8,235	-54,494
Eastern Consuming	397,516	552,572	265,345	366,511	113,556	-73,011	-192,240
Western Consuming	86,900	60,042	6,061	65,450	1,786	-5,696	-22,009
Total	675,736	841,183	467,822	560,454	198,076	-86,942	-268,743

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004
(Volumes in Million Cubic Feet) — Continued

State	2002					
	August	July	June	May	April	March
Alabama	-97	-250	2	-100	-258	270
Arkansas	-390	-340	-463	-504	-46	239
California	291	-7,074	-12,551	-20,695	-20,680	5,245
Colorado	-6,647	-3,977	-3,314	707	-2,263	5,807
Illinois	-36,473	-28,544	-37,540	-26,088	8,617	26,800
Indiana	-2,706	-3,475	-2,946	-1,356	2,042	3,653
Iowa	-12,098	-11,781	-4,696	-630	400	6,882
Kansas	-9,239	-3,170	-11,533	-17,560	-6,641	12,094
Kentucky	-5,636	-4,329	-7,980	-9,911	358	10,726
Louisiana	-13,263	-6,965	-19,336	-33,401	-10,837	19,020
Maryland	-2,105	-2,619	-2,505	-780	403	2,041
Michigan	-54,062	-51,650	-58,720	-39,520	-10,461	74,289
Minnesota	-295	-277	0	0	123	344
Mississippi	-4,781	-2,793	-6,968	-8,174	-1,511	4,037
Missouri	-1,096	18	13	10	215	1,089
Montana	-5,201	-6,611	-3,928	-1,883	708	3,615
Nebraska	-692	237	-588	-1,017	-253	1,459
New Mexico	791	352	1,176	-1,561	-597	1,202
New York	-7,293	-8,313	-11,255	-6,987	-1,756	7,448
Ohio	-27,116	-31,089	-32,190	-25,818	-9,909	33,269
Oklahoma	2,096	-1,094	-13,139	-25,759	-13,382	12,862
Oregon	-3,051	-3,856	-4,579	732	2,457	4,263
Pennsylvania	-24,723	-29,902	-49,829	-41,784	-16,579	46,182
Tennessee	4	15	2	7	18	-1
Texas	9,058	-116	-14,895	-22,455	-25,964	10,325
Utah	-6,336	-6,807	-7,111	-7,913	-3,510	2,887
Virginia	-157	-297	-330	-683	-184	366
Washington	-956	-620	-2,918	-4,057	-3,810	849
West Virginia	-20,179	-22,210	-29,160	-21,680	-10,523	20,713
Wyoming	-3,479	-3,971	-3,741	-2,722	-1,962	2,116
AGA Regions						
Producing	-15,825	-14,376	-65,157	-109,513	-59,236	60,050
Eastern Consuming	-194,332	-193,939	-237,723	-176,236	-37,612	234,915
Western Consuming	-25,673	-33,193	-38,144	-35,831	-28,937	25,125
Total	-235,830	-241,508	-341,023	-321,581	-125,786	320,090

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2002 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar

weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 14. Activities of Underground Natural Gas Storage Operators, by State,
March 2004**
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	8,520	2,975	2,572	5,547	1,199	87.4	736	507
Arkansas	22,000	7,835	2,696	10,531	-88	-3.2	225	680
California	478,995	232,134	96,326	328,460	8,202	9.3	13,634	6,410
Colorado	101,055	47,451	25,307	72,758	8,007	46.3	2,261	2,656
Illinois	959,244	664,585	71,185	735,771	4,079	6.1	5,198	31,965
Indiana	111,680	78,042	12,971	91,013	246	1.9	784	3,422
Iowa	273,200	199,550	5,177	204,727	-1,856	-26.4	147	7,570
Kansas	293,574	176,713	33,985	210,698	7,994	30.8	7,871	9,343
Kentucky	220,211	139,583	27,981	167,564	10,909	63.9	3,950	5,195
Louisiana	592,516	269,541	108,146	377,688	46,275	74.8	22,979	17,854
Maryland	62,000	46,677	5,345	52,022	122	2.3	1,360	1,882
Michigan	1,034,429	422,792	135,337	558,129	66,315	96.1	8,626	52,874
Minnesota	7,000	4,840	973	5,813	184	23.3	0	484
Mississippi	144,787	80,375	30,621	110,996	2,260	8.0	10,355	5,288
Missouri	32,098	21,600	8,323	29,923	-218	-2.6	0	1,108
Montana	374,201	178,506	7,131	185,637	-7,799	-52.2	1,051	3,797
Nebraska	39,469	22,290	4,519	26,810	2,645	141.2	180	457
New Mexico	89,800	32,111	2,510	34,621	-4,510	-64.2	1,113	1,127
New York	190,157	98,932	27,794	126,726	7,661	38.1	1,150	7,555
Ohio	573,709	346,430	20,725	367,155	7,630	58.3	3,566	23,775
Oklahoma	389,947	209,042	52,031	261,073	30,949	146.8	6,665	6,565
Oregon	23,676	9,714	6,729	16,443	1,439	27.2	219	1,161
Pennsylvania	712,292	337,409	118,535	455,944	37,065	45.5	17,810	38,554
Tennessee	1,200	340	281	621	55	24.1	0	12
Texas	700,769	235,255	167,764	403,019	82,444	96.6	40,978	15,798
Utah	129,480	64,714	10,333	75,048	-10,256	-49.8	3,403	2,690
Virginia	6,344	2,782	865	3,647	498	135.4	190	501
Washington	39,628	20,220	10,543	30,762	4,020	61.6	2,640	1,620
West Virginia	492,025	266,157	51,144	317,301	25,239	97.4	8,124	16,811
Wyoming	115,069	64,878	10,562	75,439	-2,354	-18.2	251	1,246
AGA Regions								
Producing	2,241,912	1,013,848	400,325	1,414,173	166,523	71.2	90,922	57,164
Eastern Consuming	4,708,058	2,647,171	490,182	3,137,352	160,389	48.6	51,084	191,681
Western Consuming	1,269,103	622,456	167,904	790,360	1,444	0.9	23,459	20,063
Total	8,219,073	4,283,474	1,058,411	5,341,885	328,356	45.0	165,464	268,908

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region

is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003
				February	January	Total
Alabama	19,569	20,878	17,259	9,460	10,109	47,184
Alaska	5,199	3,921	3,890	2,049	3,151	16,852
Arizona	14,018	11,627	14,189	6,896	7,122	34,832
Arkansas	14,434	15,807	14,171	7,439	6,995	37,984
California	148,031	121,760	143,613	68,192	79,839	489,293
Colorado	39,893	38,219	41,280	19,511	20,382	123,593
Connecticut	16,700	16,795	12,482	8,183	8,517	45,132
Delaware	4,264	4,201	3,221	1,945	2,319	10,646
District of Columbia	5,860	6,092	4,372	2,376	3,484	15,302
Florida	5,159	5,874	4,381	2,516	2,644	16,025
Georgia	49,896	50,027	41,328	23,342	26,553	129,702
Hawaii	94	102	97	46	48	543
Idaho	7,497	5,795	6,903	3,497	3,999	18,984
Illinois	168,579	178,406	134,149	72,726	95,853	473,576
Indiana	59,067	63,868	48,842	25,672	33,395	157,870
Iowa	27,675	27,681	22,304	13,180	14,495	74,119
Kansas	27,450	31,262	24,456	13,892	13,557	76,884
Kentucky	23,749	26,766	19,469	10,337	13,412	62,356
Louisiana	18,359	19,995	17,195	8,500	9,860	NA
Maine	414	399	297	180	234	1,197
Maryland	34,916	34,242	24,818	14,915	20,001	90,936
Massachusetts	46,015	44,379	33,622	23,150	^R 22,865	NA
Michigan	133,140	137,615	109,772	63,091	70,049	385,218
Minnesota	48,249	49,557	37,630	20,743	27,507	137,941
Mississippi	10,596	11,295	10,141	5,162	5,434	26,539
Missouri	44,888	46,018	39,249	23,231	21,657	114,613
Montana	6,850	6,197	6,141	2,988	3,863	20,365
Nebraska	16,801	15,225	15,203	8,101	8,699	42,170
Nevada	12,680	9,993	11,467	5,908	6,772	32,848
New Hampshire	NA	2,775	2,084	NA	NA	NA
New Jersey	89,348	89,339	64,663	42,762	46,586	NA
New Mexico	12,225	11,119	12,693	6,138	6,087	31,562
New York	144,430	148,341	108,507	72,806	71,624	427,258
North Carolina	27,568	27,331	21,383	12,772	14,797	NA
North Dakota	3,978	4,092	3,292	1,709	2,269	11,878
Ohio	125,042	131,905	100,529	58,120	66,922	344,512
Oklahoma	24,789	26,977	24,191	12,954	11,836	67,137
Oregon	13,768	11,031	12,541	6,209	7,559	37,300
Pennsylvania	102,429	101,279	74,427	52,135	50,294	265,430
Rhode Island	7,292	6,894	5,420	4,047	3,245	20,169
South Carolina	13,428	12,842	10,512	6,942	6,486	29,370
South Dakota	4,720	4,559	3,760	2,214	2,506	13,175
Tennessee	28,838	33,563	25,982	14,201	14,637	73,045
Texas	76,412	85,665	77,232	38,665	37,748	206,264
Utah	21,632	16,636	19,968	9,483	12,149	54,635
Vermont	1,120	1,084	860	581	539	3,118
Virginia	34,507	35,092	24,336	14,864	19,643	85,949
Washington	26,558	19,948	22,159	10,363	^R 16,195	NA
West Virginia	12,699	13,202	9,719	6,544	6,154	32,692
Wisconsin	49,094	51,494	39,198	20,218	28,876	141,953
Wyoming	4,004	3,637	3,669	1,832	2,172	12,021
Total	1,836,412	1,842,804	1,529,166	863,860	^R972,552	^R5,105,139

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	December	November	October	September	August	July
Alabama	6,331	2,129	1,462	1,124	1,131	1,531
Alaska	2,430	2,322	1,368	898	598	435
Arizona	5,488	2,087	1,359	1,023	1,070	1,091
Arkansas	4,871	2,064	1,032	795	771	831
California	72,602	42,728	25,313	21,719	21,793	24,549
Colorado	20,732	16,013	5,782	4,537	2,693	2,755
Connecticut	5,788	3,470	1,852	689	1,071	1,169
Delaware	1,323	750	407	192	179	214
District of Columbia	2,577	1,308	858	183	299	295
Florida	1,637	918	767	742	739	755
Georgia	25,273	10,351	5,709	3,634	3,457	3,652
Hawaii	46	42	40	42	45	42
Idaho	3,001	1,931	652	453	355	414
Illinois	69,787	44,996	25,481	11,435	9,545	9,867
Indiana	24,249	13,612	8,035	3,346	2,589	2,622
Iowa	10,916	7,114	3,058	1,563	1,398	1,412
Kansas	11,177	4,706	2,127	1,618	1,344	1,456
Kentucky	10,808	5,256	2,652	1,479	1,048	1,161
Louisiana	6,786	2,079	1,797	1,614	NA	1,652
Maine	170	103	66	30	28	28
Maryland	14,376	7,535	4,721	1,907	1,822	1,837
Massachusetts	NA	8,848	4,641	2,855	2,591	2,906
Michigan	50,448	31,926	19,944	8,068	7,051	7,723
Minnesota	20,782	15,372	6,985	3,313	2,695	2,699
Mississippi	3,628	1,214	848	676	686	701
Missouri	15,964	7,473	3,544	2,466	2,113	2,310
Montana	3,054	2,343	956	555	413	441
Nebraska	6,372	3,540	1,650	786	905	878
Nevada	5,374	2,816	1,272	1,075	994	1,114
New Hampshire	NA	610	338	178	162	171
New Jersey	34,596	17,786	NA	5,180	5,131	5,624
New Mexico	4,758	2,002	974	813	753	834
New York	51,991	29,892	17,306	9,575	9,292	10,454
North Carolina	12,879	5,311	NA	1,173	1,021	1,156
North Dakota	1,708	1,522	634	317	228	201
Ohio	50,079	24,630	17,191	7,055	6,264	7,879
Oklahoma	9,229	3,433	1,687	1,318	1,267	1,449
Oregon	5,653	3,179	1,227	904	819	997
Pennsylvania	37,103	18,676	12,352	4,915	4,874	5,314
Rhode Island	2,261	1,354	665	420	468	495
South Carolina	4,432	1,644	737	496	494	532
South Dakota	1,929	1,464	590	320	226	245
Tennessee	11,277	4,012	2,123	1,268	1,090	1,269
Texas	29,427	13,697	7,100	5,782	5,547	5,881
Utah	9,037	6,914	2,988	1,856	1,355	1,359
Vermont	394	235	119	63	60	65
Virginia	14,794	6,901	4,194	1,514	1,511	1,585
Washington	^R 10,942	NA	2,903	1,838	1,546	1,899
West Virginia	5,038	2,415	1,843	690	450	484
Wisconsin	20,287	14,270	7,543	3,470	2,613	2,687
Wyoming	1,834	1,404	646	401	243	255
Total	^R741,673	414,037	230,391	128,364	116,325	127,378

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	1,326	1,922	3,274	6,078	10,287	10,591
Alaska	572	935	1,328	2,046	1,705	2,216
Arizona	1,329	2,033	2,929	4,797	4,780	6,846
Arkansas	923	1,480	3,043	6,368	8,064	7,743
California	27,247	35,694	45,495	50,393	60,276	61,484
Colorado	3,812	5,647	8,691	14,712	20,064	18,155
Connecticut	1,669	2,588	4,140	5,900	8,437	8,359
Delaware	346	529	955	1,548	1,995	2,206
District of Columbia	351	573	1,053	1,714	2,677	3,415
Florida	819	978	1,195	1,601	2,830	3,044
Georgia	3,828	4,627	7,185	11,959	20,435	29,592
Hawaii	41	48	47	49	50	51
Idaho	634	1,406	1,862	2,480	2,765	3,030
Illinois	11,720	17,454	35,290	59,595	82,227	96,180
Indiana	4,030	6,551	10,470	18,498	28,827	35,041
Iowa	1,816	3,118	5,598	10,446	13,715	13,966
Kansas	1,696	2,790	6,301	12,408	15,145	16,118
Kentucky	1,229	1,438	3,595	6,925	12,033	14,732
Louisiana	1,473	1,947	2,774	5,727	9,818	10,177
Maine	31	59	113	171	188	211
Maryland	2,346	3,877	6,757	11,516	16,215	18,027
Massachusetts	4,515	7,736	12,993	19,307	23,161	21,217
Michigan	11,282	20,815	34,654	55,692	67,307	70,308
Minnesota	2,815	5,536	10,117	18,072	23,765	25,792
Mississippi	772	1,048	1,827	3,845	5,729	5,566
Missouri	3,124	4,747	9,068	17,786	23,452	22,566
Montana	663	1,259	1,613	2,871	2,977	3,221
Nebraska	1,071	1,735	3,368	6,639	7,318	7,907
Nevada	1,221	2,114	2,814	4,059	4,563	5,431
New Hampshire	278	499	825	1,220	1,433	1,342
New Jersey	7,239	12,194	22,293	34,235	43,657	45,683
New Mexico	1,008	1,633	3,074	4,594	5,062	6,056
New York	15,613	26,866	43,837	64,090	77,224	71,117
North Carolina	1,479	2,566	4,835	8,370	12,984	14,347
North Dakota	227	462	825	1,663	1,970	2,122
Ohio	8,454	14,812	27,411	48,832	64,044	67,862
Oklahoma	1,759	2,748	5,715	11,555	12,936	14,041
Oregon	1,600	3,058	3,838	4,992	5,064	5,968
Pennsylvania	7,567	12,304	22,404	38,642	49,996	51,284
Rhode Island	812	1,418	2,137	3,246	3,703	3,191
South Carolina	630	1,160	2,231	4,172	6,450	6,392
South Dakota	348	585	1,040	1,870	2,132	2,427
Tennessee	1,482	2,233	4,351	10,378	15,946	17,617
Texas	6,031	7,989	10,921	28,225	40,513	45,153
Utah	1,540	2,489	4,414	6,045	8,463	8,174
Vermont	95	188	332	483	580	504
Virginia	1,859	2,724	5,998	9,777	15,913	19,179
Washington	2,919	5,102	7,061	9,371	9,580	10,368
West Virginia	609	1,189	2,319	4,451	6,316	6,886
Wisconsin	3,318	6,290	11,923	18,058	23,621	27,873
Wyoming	401	699	925	1,576	1,758	1,878
Total	157,968	249,896	417,257	679,046	890,148	952,656

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	46,290	7,635	2,878	1,220	1,126	1,117
Alaska	16,191	2,074	1,401	1,214	828	592
Arizona	35,226	4,393	2,104	1,262	1,071	1,014
Arkansas	39,130	5,751	3,121	1,219	796	783
California	510,995	65,611	36,668	31,451	23,150	23,494
Colorado	128,828	19,641	15,622	9,908	3,581	2,567
Connecticut	40,276	6,324	4,066	1,751	991	1,021
Delaware	9,550	1,568	865	275	180	171
District of Columbia	14,249	2,773	1,825	907	338	319
Florida	15,127	1,915	931	744	738	720
Georgia	126,667	25,357	15,644	5,372	3,625	3,505
Hawaii	539	48	46	36	44	42
Idaho	20,399	2,744	2,152	868	442	360
Illinois	459,242	73,514	52,304	29,016	9,953	9,044
Indiana	156,809	27,110	15,624	7,676	2,886	2,892
Iowa	71,545	11,147	7,640	3,967	1,420	1,361
Kansas	70,858	10,590	7,315	2,377	1,409	1,348
Kentucky	59,100	11,635	7,057	3,065	1,091	1,104
Louisiana	48,751	7,545	2,852	1,729	1,585	1,521
Maine	1,056	175	110	70	28	28
Maryland	80,122	15,584	9,741	5,033	2,040	1,625
Massachusetts	109,279	17,403	10,063	4,162	2,658	2,276
Michigan	368,720	56,999	38,446	18,029	7,348	6,509
Minnesota	135,213	20,438	16,032	10,215	3,336	2,575
Mississippi	26,452	4,075	1,527	773	687	686
Missouri	114,185	17,885	10,890	4,063	2,375	2,063
Montana	21,710	2,844	2,272	1,459	562	453
Nebraska	43,826	6,322	4,290	1,723	896	752
Nevada	31,958	4,226	2,603	1,428	1,081	940
New Hampshire	6,922	1,095	640	273	163	140
New Jersey	209,836	36,586	21,927	10,006	5,117	4,993
New Mexico	34,411	5,034	2,762	1,181	862	841
New York	369,614	58,038	36,764	17,278	9,332	9,113
North Carolina	58,904	10,891	6,245	2,051	1,040	885
North Dakota	11,725	1,692	1,287	1,046	282	253
Ohio	321,278	52,941	31,546	16,174	6,002	6,031
Oklahoma	67,166	9,701	5,417	1,791	1,363	1,372
Oregon	38,858	5,167	3,424	1,464	931	840
Pennsylvania	239,106	40,705	24,417	11,313	5,158	4,467
Rhode Island	17,545	2,546	1,580	603	417	431
South Carolina	27,621	5,291	2,031	609	496	462
South Dakota	12,897	1,698	1,491	933	285	239
Tennessee	69,355	12,808	5,753	1,853	1,144	1,095
Texas	209,896	32,561	17,859	8,782	5,701	5,646
Utah	59,398	8,328	6,759	4,514	2,018	1,424
Vermont	2,761	385	274	98	63	58
Virginia	75,476	15,028	9,286	4,235	1,553	1,611
Washington	73,347	9,204	6,861	3,158	1,784	1,587
West Virginia	30,761	5,301	3,353	1,554	549	447
Wisconsin	137,234	20,980	15,807	9,705	2,905	2,673
Wyoming	13,330	1,890	1,401	897	403	185
Total	4,889,732	771,195	482,972	250,529	123,835	115,678

^R Revised Data.^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia.
See Appendix A, Explanatory Note 7 for discussion of computations and

revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003
				February	January	Total
Alabama	8,311	8,776	7,596	4,123	4,187	25,637
Alaska	5,118	3,811	3,504	2,077	3,042	NA
Arizona	8,218	7,283	8,121	4,088	4,130	31,904
Arkansas	9,718	10,728	9,422	4,992	4,726	31,750
California	54,982	NA	51,039	27,669	27,313	NA
Colorado	18,978	17,669	20,622	9,601	9,377	62,224
Connecticut	11,744	11,614	10,681	5,589	6,155	37,842
Delaware	2,853	NA	2,147	1,303	1,550	NA
District of Columbia	5,155	5,004	4,697	2,310	2,845	17,890
Florida	11,533	10,891	10,895	5,622	5,911	53,811
Georgia	19,345	18,015	14,568	9,246	10,099	54,264
Hawaii	305	310	283	147	158	1,751
Idaho	4,429	3,449	4,542	2,071	2,358	12,034
Illinois	70,921	70,410	56,103	34,177	36,744	209,317
Indiana	31,167	32,523	23,858	15,168	16,000	87,471
Iowa	17,045	16,742	13,618	8,394	8,651	48,502
Kansas	14,587	13,260	12,178	7,289	7,298	37,875
Kentucky	13,623	14,689	10,772	6,283	7,341	39,414
Louisiana	7,098	7,365	6,534	3,562	3,535	25,158
Maine	1,413	1,329	1,287	628	785	NA
Maryland	20,635	20,427	16,380	9,969	10,666	70,836
Massachusetts	19,875	22,171	17,287	10,331	^R 9,544	NA
Michigan	61,913	62,680	50,569	30,159	31,753	185,852
Minnesota	33,382	33,812	26,838	14,748	18,634	101,288
Mississippi	6,669	7,415	6,346	3,275	3,394	22,671
Missouri	22,284	22,567	19,284	11,519	10,765	62,758
Montana	4,276	3,914	4,184	1,875	2,401	13,488
Nebraska	9,053	9,044	8,064	4,849	4,203	28,535
Nevada	6,679	5,553	5,710	3,206	3,472	24,008
New Hampshire	NA	NA	2,312	NA	NA	NA
New Jersey	51,810	50,816	38,434	25,604	26,206	NA
New Mexico	7,923	7,198	8,184	3,994	3,929	24,018
New York	66,439	84,342	79,795	32,886	33,553	^R 285,759
North Carolina	15,077	15,011	11,920	7,257	7,819	NA
North Dakota	3,502	3,779	3,131	1,475	2,027	11,012
Ohio	61,530	65,582	47,094	28,414	33,116	175,571
Oklahoma	13,468	13,546	13,145	7,150	6,318	38,032
Oregon	8,512	7,040	8,235	3,912	4,600	26,172
Pennsylvania	54,106	53,921	37,274	27,730	26,376	155,402
Rhode Island	4,161	3,927	3,354	2,200	1,961	11,146
South Carolina	6,798	6,591	5,592	3,484	3,314	22,125
South Dakota	3,523	3,364	2,829	1,653	1,871	10,374
Tennessee	18,329	21,330	16,789	9,086	9,243	58,938
Texas	46,796	49,324	47,384	23,379	23,416	175,360
Utah	11,771	8,974	10,985	5,393	6,379	30,800
Vermont	957	915	745	491	466	2,757
Virginia	20,759	20,550	16,893	9,489	11,270	67,459
Washington	NA	12,374	13,580	6,233	NA	^R 48,027
West Virginia	7,882	8,245	6,599	3,937	3,946	24,751
Wisconsin	28,928	29,753	22,987	12,411	16,517	84,066
Wyoming	3,073	2,646	3,077	1,435	1,638	^R 9,550
Total	950,657	986,868	827,464	463,125	^R487,532	^R3,140,983

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	December	November	October	September	August	July
Alabama	2,955	1,579	1,367	1,146	1,119	1,214
Alaska	2,931	2,316	1,416	1,577	1,353	1,276
Arizona	3,794	2,533	2,016	1,827	1,917	1,940
Arkansas	3,245	1,981	1,532	1,361	1,325	1,393
California	26,384	20,423	17,386	15,958	16,300	16,718
Colorado	9,937	7,425	3,343	2,773	1,807	1,824
Connecticut	4,705	3,132	2,109	1,379	1,437	1,570
Delaware	979	626	400	298	270	289
District of Columbia	2,404	1,461	1,164	693	985	836
Florida	5,287	4,297	3,950	3,957	3,950	3,906
Georgia	9,542	4,544	2,957	2,175	2,104	2,091
Hawaii	154	140	143	145	137	145
Idaho	1,797	1,179	533	439	356	378
Illinois	29,648	19,252	12,543	7,799	6,312	6,758
Indiana	12,910	7,615	4,964	3,029	1,878	2,355
Iowa	6,824	4,389	2,683	1,474	1,261	1,272
Kansas	5,265	2,762	1,500	1,174	1,206	1,242
Kentucky	5,544	2,931	1,912	1,201	1,079	1,079
Louisiana	2,537	1,594	1,425	1,378	1,313	1,471
Maine	NA	284	335	209	191	158
Maryland	9,621	5,962	5,249	3,070	3,118	3,056
Massachusetts	NA	NA	5,852	2,738	2,541	2,545
Michigan	22,600	14,597	9,539	5,147	5,475	5,323
Minnesota	14,547	9,719	5,723	3,485	2,315	3,504
Mississippi	2,661	1,369	1,304	1,129	985	1,133
Missouri	7,845	4,177	2,607	2,279	2,109	1,922
Montana	1,729	1,312	570	362	443	452
Nebraska	3,576	2,191	1,285	951	1,123	1,015
Nevada	2,961	2,160	1,501	1,322	1,223	1,345
New Hampshire	NA	820	602	444	450	426
New Jersey	21,125	13,048	NA	7,394	6,672	7,108
New Mexico	3,071	1,530	1,080	971	920	968
New York	26,859	^R 19,681	16,603	15,732	16,243	15,093
North Carolina	5,784	4,110	NA	1,754	1,570	1,605
North Dakota	1,534	1,429	647	363	279	265
Ohio	23,314	13,274	8,874	5,027	4,271	4,254
Oklahoma	4,338	1,952	1,377	1,325	1,303	1,283
Oregon	3,516	2,135	1,152	1,044	979	1,059
Pennsylvania	19,781	11,419	8,337	4,663	4,799	5,027
Rhode Island	1,013	791	440	256	281	288
South Carolina	2,605	1,543	1,330	1,154	1,136	1,140
South Dakota	1,485	1,165	533	329	282	264
Tennessee	6,750	3,756	2,997	2,463	2,369	2,386
Texas	17,668	11,835	9,271	9,433	11,488	11,542
Utah	4,779	3,757	1,702	1,231	961	892
Vermont	337	207	125	76	75	71
Virginia	9,630	5,720	4,534	2,833	2,927	2,856
Washington	^R 6,664	^R 4,383	2,379	1,983	1,711	1,976
West Virginia	3,086	1,881	1,572	1,213	981	982
Wisconsin	10,992	8,424	4,684	2,637	2,075	2,123
Wyoming	^R 1,366	1,037	522	353	271	277
Total	^R386,407	^R248,382	177,575	133,154	127,676	130,092

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	1,165	1,494	1,872	2,951	4,369	4,407
Alaska	NA	1,277	1,633	1,842	1,637	2,174
Arizona	2,030	2,412	2,795	3,357	3,309	3,974
Arkansas	1,411	1,755	2,584	4,435	5,602	5,126
California	17,262	20,334	22,011	24,908	NA	NA
Colorado	2,438	2,885	4,651	7,473	9,263	8,406
Connecticut	1,706	2,065	3,584	4,542	5,540	6,074
Delaware	331	428	712	1,002	1,416	NA
District of Columbia	800	1,027	1,499	2,017	2,456	2,548
Florida	4,013	4,240	4,483	4,838	5,544	5,346
Georgia	2,110	2,319	3,565	4,844	7,781	10,233
Hawaii	142	143	144	146	150	161
Idaho	485	840	1,104	1,472	1,638	1,812
Illinois	6,177	9,062	15,406	25,950	33,122	37,288
Indiana	2,602	3,944	5,532	10,116	15,360	17,163
Iowa	1,514	2,025	3,759	6,560	8,388	8,354
Kansas	1,313	1,642	2,908	5,603	6,593	6,667
Kentucky	1,182	1,521	3,036	5,239	6,889	7,800
Louisiana	1,400	1,612	2,194	2,869	3,701	3,664
Maine	231	216	436	590	611	719
Maryland	3,291	3,925	5,813	7,305	9,552	10,875
Massachusetts	5,561	4,180	7,363	8,086	10,885	^R 11,287
Michigan	6,149	10,197	17,589	26,556	30,625	32,054
Minnesota	2,560	5,351	7,964	12,308	16,286	17,526
Mississippi	1,125	1,204	1,511	2,834	3,785	3,631
Missouri	2,223	3,060	4,873	9,094	11,580	10,987
Montana	614	930	1,219	1,943	1,978	1,936
Nebraska	1,144	1,601	2,501	4,106	4,728	4,316
Nevada	1,406	1,868	2,144	2,525	2,588	2,965
New Hampshire	413	601	949	1,367	NA	NA
New Jersey	6,507	9,756	14,743	20,728	25,304	25,512
New Mexico	1,160	1,643	2,379	3,098	3,347	3,852
New York	13,113	17,592	23,875	36,627	42,888	41,454
North Carolina	1,728	2,333	3,338	4,888	7,268	7,743
North Dakota	203	377	598	1,537	1,832	1,947
Ohio	5,012	7,433	14,452	24,080	30,494	35,088
Oklahoma	1,379	2,015	3,441	6,073	6,902	6,644
Oregon	1,413	2,093	2,550	3,191	3,295	3,745
Pennsylvania	5,694	7,812	13,386	20,564	25,511	28,410
Rhode Island	460	757	1,190	1,744	1,970	1,957
South Carolina	1,144	1,409	1,747	2,326	3,193	3,397
South Dakota	325	454	790	1,383	1,651	1,713
Tennessee	2,601	3,091	3,920	7,275	10,336	10,995
Texas	10,072	12,189	13,116	19,423	23,501	25,823
Utah	1,017	1,580	2,564	3,344	4,525	4,449
Vermont	94	157	302	397	486	429
Virginia	2,680	3,558	4,844	7,327	9,214	11,336
Washington	2,612	3,641	4,670	5,634	5,884	6,489
West Virginia	1,009	1,261	1,720	2,802	4,250	3,995
Wisconsin	2,245	3,591	6,523	11,020	14,154	15,599
Wyoming	397	594	896	1,191	1,300	1,346
Total	134,931	177,494	256,877	381,527	475,989	^R510,879

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	24,868	3,351	1,832	1,181	1,069	1,057
Alaska	15,691	2,120	1,707	1,532	750	627
Arizona	31,665	3,375	2,468	1,961	1,818	1,792
Arkansas	32,928	3,796	2,759	1,747	1,342	1,375
California	238,247	22,270	18,286	18,126	15,815	17,281
Colorado	66,939	9,580	7,658	5,279	2,343	1,832
Connecticut	40,535	5,400	3,468	2,405	1,766	1,918
Delaware	7,477	1,100	682	355	280	270
District of Columbia	18,332	2,663	2,064	1,283	864	845
Florida	55,803	5,478	4,433	3,936	4,087	3,936
Georgia	48,631	8,148	4,256	2,556	1,997	1,984
Hawaii	1,720	151	146	144	144	138
Idaho	13,592	1,597	1,249	634	423	352
Illinois	204,550	28,973	21,700	14,278	7,809	6,721
Indiana	82,427	13,405	8,600	5,357	2,484	2,555
Iowa	46,406	6,714	4,944	2,689	1,843	1,189
Kansas	38,752	5,051	3,689	1,900	1,272	1,451
Kentucky	36,024	5,841	3,903	2,126	1,035	1,102
Louisiana	25,317	2,838	1,701	1,520	1,439	1,332
Maine	5,167	631	434	339	306	178
Maryland	63,999	9,825	7,122	4,619	3,324	2,373
Massachusetts	64,763	8,514	4,825	5,366	3,293	2,311
Michigan	175,055	24,495	16,507	9,560	5,523	5,084
Minnesota	104,387	14,311	11,035	7,905	3,845	3,481
Mississippi	21,148	2,689	1,498	1,229	1,111	806
Missouri	61,897	8,212	5,514	3,425	1,953	1,796
Montana	14,704	1,753	1,441	919	443	415
Nebraska	28,185	3,579	2,337	1,236	973	940
Nevada	22,685	2,524	1,926	1,478	1,249	1,185
New Hampshire	8,768	1,344	917	369	437	193
New Jersey	146,176	23,286	13,130	8,636	8,016	4,505
New Mexico	26,057	3,150	1,754	1,171	811	998
New York	362,247	42,734	37,932	22,574	21,051	23,435
North Carolina	40,198	6,225	3,620	2,429	1,624	1,437
North Dakota	11,675	1,617	1,315	1,014	358	334
Ohio	162,764	24,526	16,200	9,139	4,369	4,264
Oklahoma	40,225	4,845	2,941	1,482	1,477	1,465
Oregon	27,714	3,297	2,311	1,304	1,062	989
Pennsylvania	136,202	20,881	13,337	8,521	4,874	4,744
Rhode Island	11,468	1,544	1,001	556	429	392
South Carolina	21,029	2,875	1,698	1,186	1,114	1,037
South Dakota	10,258	1,375	1,186	763	315	266
Tennessee	53,707	8,138	4,289	2,370	2,137	1,912
Texas	186,430	22,104	17,205	11,831	9,952	11,007
Utah	33,501	4,392	3,580	2,327	1,257	994
Vermont	2,470	332	238	114	83	75
Virginia	62,699	9,486	6,538	4,202	2,621	2,612
Washington	46,455	5,158	3,995	2,243	1,707	1,680
West Virginia	24,723	3,452	2,486	925	953	1,042
Wisconsin	85,811	13,044	9,978	6,440	2,917	2,765
Wyoming	10,804	1,446	1,122	744	379	214
Total	3,103,277	413,637	294,958	195,423	138,540	132,686

^R Revised Data.^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003
				February	January	Total
Alabama	27,372	28,138	27,484	13,359	14,013	148,445
Alaska	10,042	8,714	11,067	5,641	4,402	NA
Arizona	3,050	3,031	3,153	1,505	1,545	16,456
Arkansas	24,004	22,063	22,341	11,834	12,171	111,212
California	134,758	108,595	114,513	68,783	65,975	701,300
Colorado	21,434	24,303	21,612	10,197	11,236	114,268
Connecticut	5,255	5,277	5,855	2,567	2,688	27,200
Delaware	3,779	4,292	2,850	1,657	2,122	16,773
District of Columbia	0	0	0	0	0	0
Florida	12,877	NA	16,730	6,116	6,762	NA
Georgia	24,570	25,346	24,060	12,380	12,190	141,426
Hawaii	73	76	82	36	37	444
Idaho ^a	4,684	4,698	5,466	2,252	2,432	24,702
Illinois	57,074	59,805	55,304	27,539	29,535	269,557
Indiana	53,940	51,322	47,611	25,611	28,329	248,963
Iowa	18,203	18,722	17,015	9,168	9,034	92,218
Kansas	16,196	19,167	15,212	7,427	⁸ 8,768	103,997
Kentucky	22,081	21,375	19,282	10,611	11,470	100,815
Louisiana	131,985	116,850	136,649	64,793	67,192	703,435
Maine	611	769	492	287	324	NA
Maryland	3,681	4,205	4,763	1,566	2,115	21,621
Massachusetts	13,669	11,902	16,956	7,035	⁸ 6,633	NA
Michigan	47,427	53,004	46,777	23,412	24,015	217,832
Minnesota	18,731	19,094	17,776	8,968	9,763	94,353
Mississippi	15,946	19,802	16,507	7,975	7,971	97,059
Missouri	13,886	14,481	12,968	6,681	7,205	64,022
Montana	4,493	3,436	4,270	2,020	2,474	19,531
Nebraska	6,681	6,627	6,597	3,268	3,413	38,476
Nevada	2,037	1,805	1,859	1,004	1,034	10,526
New Hampshire	NA	NA	1,679	NA	NA	NA
New Jersey	14,619	14,981	15,994	7,364	7,255	NA
New Mexico	3,886	3,700	4,587	1,938	1,948	21,114
New York	22,482	23,951	18,204	11,454	11,027	102,857
North Carolina	16,688	17,924	17,557	8,381	8,308	NA
North Dakota	2,268	2,166	3,695	1,320	947	NA
Ohio	63,260	63,303	56,215	28,729	34,531	292,878
Oklahoma	25,820	22,671	22,613	11,636	14,183	125,077
Oregon	12,831	11,475	13,931	6,291	6,540	67,779
Pennsylvania	36,275	39,118	38,387	16,561	19,715	189,014
Rhode Island	1,096	921	271	551	545	4,308
South Carolina	12,843	14,030	17,481	6,392	6,450	73,049
South Dakota	2,073	2,323	677	1,049	1,023	11,183
Tennessee	19,561	22,918	25,489	9,681	9,880	112,334
Texas	302,008	305,363	338,319	145,129	156,879	1,832,243
Utah	4,962	4,640	5,063	2,405	2,557	25,208
Vermont	466	344	665	314	152	2,488
Virginia	11,762	12,121	12,434	5,663	6,098	65,236
Washington	NA	11,668	13,385	5,869	NA	NA
West Virginia	8,797	8,101	7,768	4,387	4,410	NA
Wisconsin	37,630	32,089	29,167	17,643	19,987	140,714
Wyoming	7,502	7,665	6,950	3,837	3,665	43,718
Total	1,318,289	1,295,217	1,325,781	640,799	⁸677,490	⁸6,990,231

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	December	November	October	September	August	July
Alabama	13,150	12,157	12,255	11,405	11,900	11,622
Alaska	NA	4,158	NA	5,908	6,280	6,200
Arizona	1,633	1,409	1,262	1,195	1,281	1,205
Arkansas	10,476	9,537	9,735	7,930	7,281	7,104
California	60,001	61,403	62,857	64,558	61,248	57,287
Colorado	11,018	9,982	7,359	7,281	8,948	9,540
Connecticut	2,728	2,162	2,409	1,774	2,181	1,943
Delaware	2,030	1,849	1,325	1,218	1,080	914
District of Columbia	0	0	0	0	0	0
Florida	5,953	6,340	NA	NA	6,640	5,519
Georgia	12,196	11,403	12,083	11,261	11,623	11,252
Hawaii	39	34	36	36	37	38
Idaho ^a	2,114	2,110	2,063	1,910	1,545	1,633
Illinois	25,990	24,010	20,818	18,685	18,094	17,249
Indiana	24,628	22,744	20,668	18,409	17,890	16,843
Iowa	8,537	8,447	7,564	7,181	6,295	6,578
Kansas	8,636	7,763	8,957	10,092	8,714	9,852
Kentucky	10,649	8,686	8,709	7,568	7,251	6,794
Louisiana	64,894	59,964	57,926	57,563	58,858	56,353
Maine	287	323	NA	219	221	283
Maryland	2,460	2,067	1,349	1,466	1,400	1,376
Massachusetts	NA	NA	7,098	NA	NA	5,234
Michigan	19,261	17,154	14,564	13,379	14,660	13,737
Minnesota	9,465	9,228	8,180	6,253	6,768	6,588
Mississippi	9,215	7,843	7,694	7,313	7,094	7,185
Missouri	6,279	5,471	4,869	4,518	5,072	3,540
Montana	2,294	2,238	1,700	1,234	1,086	1,122
Nebraska	3,035	2,876	3,676	4,009	4,186	4,381
Nevada	942	953	834	764	781	775
New Hampshire	NA	511	495	402	450	417
New Jersey	7,110	6,706	NA	5,536	5,684	5,989
New Mexico	1,849	1,764	1,494	1,998	1,414	1,658
New York	9,694	8,917	7,916	6,547	6,380	6,085
North Carolina	8,552	7,308	NA	6,864	6,792	5,959
North Dakota	NA	1,031	995	1,045	572	812
Ohio	29,493	24,750	24,219	19,929	20,235	19,064
Oklahoma	12,618	11,203	10,859	9,692	10,242	9,758
Oregon	6,410	6,152	6,026	5,655	5,437	5,242
Pennsylvania	18,263	15,117	15,820	13,846	14,279	13,537
Rhode Island	288	445	249	284	278	239
South Carolina	6,405	6,130	6,028	5,972	5,834	5,475
South Dakota	988	995	836	768	744	803
Tennessee	9,516	8,276	8,427	8,009	7,950	7,752
Texas	152,926	144,664	155,079	154,534	175,214	183,816
Utah	2,317	2,271	2,117	1,950	1,955	1,912
Vermont	295	261	255	183	175	156
Virginia	6,526	5,107	5,050	4,819	3,755	4,733
Washington	NA	NA	6,072	5,211	4,968	4,552
West Virginia	NA	3,627	3,692	3,473	3,580	NA
Wisconsin	14,391	12,856	11,138	9,332	8,925	8,422
Wyoming	4,027	2,954	3,838	3,553	3,393	3,284
Total	629,373	582,542	587,951	551,823	568,691	563,096

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	11,127	12,083	12,070	12,538	13,667	14,471
Alaska	NA	6,259	6,370	5,292	4,386	4,328
Arizona	1,272	1,300	1,366	1,504	1,455	1,576
Arkansas	8,673	9,118	9,723	9,574	10,428	11,635
California	57,167	55,564	54,024	58,596	54,859	53,736
Colorado	7,520	10,478	7,620	10,218	12,128	12,174
Connecticut	1,750	2,017	2,472	2,487	2,428	2,849
Delaware	944	818	922	1,381	1,880	2,412
District of Columbia	0	0	0	0	0	0
Florida	5,206	5,812	5,621	5,604	NA	NA
Georgia	10,178	11,538	12,128	12,418	12,242	13,104
Hawaii	36	35	38	40	36	40
Idaho ^a	2,006	2,009	2,210	2,404	2,204	2,493
Illinois	17,862	19,017	21,867	26,158	28,732	31,073
Indiana	16,727	18,297	19,426	22,009	24,393	26,929
Iowa	6,568	7,018	7,203	8,105	9,960	8,762
Kansas	7,234	8,045	7,158	8,379	9,065	10,102
Kentucky	6,757	7,539	7,202	8,286	9,852	11,523
Louisiana	49,341	59,994	60,690	61,002	54,059	62,791
Maine	206	209	233	281	336	432
Maryland	1,342	1,565	2,385	2,007	2,119	2,086
Massachusetts	3,361	6,076	4,617	6,249	5,001	^R 6,901
Michigan	13,770	15,796	19,515	22,993	26,385	26,619
Minnesota	6,482	6,781	7,317	8,197	9,594	9,500
Mississippi	7,855	7,412	7,781	7,864	8,995	10,807
Missouri	4,110	4,457	5,015	6,210	7,050	7,431
Montana	1,413	1,310	1,842	1,858	1,989	1,447
Nebraska	1,856	2,669	2,585	2,577	3,188	3,439
Nevada	822	846	1,005	1,000	766	1,039
New Hampshire	459	653	697	747	NA	NA
New Jersey	5,609	6,294	6,495	7,135	7,313	7,668
New Mexico	1,705	1,809	1,872	1,850	1,858	1,842
New York	6,232	7,291	9,480	10,364	11,831	12,120
North Carolina	5,641	6,709	7,257	7,372	9,045	8,879
North Dakota	1,181	1,197	1,071	944	778	1,388
Ohio	18,845	21,967	23,504	27,569	30,336	32,967
Oklahoma	8,478	9,369	9,905	10,283	10,411	12,260
Oregon	4,952	5,403	5,429	5,597	5,522	5,953
Pennsylvania	12,591	13,718	15,473	17,251	18,922	20,196
Rhode Island	462	309	396	438	448	473
South Carolina	5,082	6,016	6,453	5,625	6,769	7,261
South Dakota	806	851	1,001	1,068	1,200	1,123
Tennessee	9,360	9,629	10,192	10,306	11,498	11,420
Texas	132,010	140,379	141,688	146,571	148,348	157,015
Utah	1,902	1,934	2,022	2,187	2,240	2,400
Vermont	177	191	270	180	124	220
Virginia	6,074	6,950	4,021	6,081	6,128	5,992
Washington	4,828	5,071	5,667	5,847	5,588	6,081
West Virginia	3,258	3,384	3,457	NA	3,945	4,156
Wisconsin	8,829	9,937	11,722	13,072	15,424	16,665
Wyoming	3,575	3,645	3,751	4,033	3,617	4,048
Total	499,932	546,770	562,229	602,608	626,471	^R 668,746

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	157,286	14,162	12,483	13,048	12,508	12,332
Alaska	65,693	4,308	4,578	5,220	5,537	6,206
Arizona	17,155	1,748	1,622	1,530	1,247	1,281
Arkansas	118,432	10,733	10,474	10,289	9,352	9,082
California	740,256	62,993	63,411	70,248	63,672	68,130
Colorado	134,967	11,823	10,288	12,758	9,936	9,525
Connecticut	29,051	2,673	2,516	2,388	2,029	1,936
Delaware	17,634	2,600	2,120	1,965	1,778	1,166
District of Columbia	0	0	0	0	0	0
Florida	97,789	7,913	7,900	8,316	7,662	7,958
Georgia	143,152	12,247	12,080	11,650	11,390	12,306
Hawaii	475	37	35	35	36	42
Idaho ^a	28,258	2,492	2,410	2,449	2,244	1,841
Illinois	290,479	27,786	25,907	24,645	18,993	19,953
Indiana	259,059	25,579	23,322	22,268	19,688	20,664
Iowa	92,223	9,132	9,370	7,622	6,589	6,628
Kansas	108,038	10,012	10,117	8,016	11,234	13,182
Kentucky	101,348	9,764	9,690	8,989	7,608	6,557
Louisiana	796,149	77,190	76,188	67,219	62,623	64,789
Maine	3,668	541	572	442	20	393
Maryland	27,183	2,485	2,776	2,161	1,836	2,271
Massachusetts	85,951	8,179	7,442	6,264	6,085	7,865
Michigan	236,133	23,485	19,810	15,825	15,021	17,019
Minnesota	95,671	9,637	9,525	8,469	6,382	7,519
Mississippi	100,954	9,761	8,986	8,723	7,668	8,207
Missouri	66,593	6,285	5,932	5,971	4,230	4,459
Montana	21,867	1,547	2,215	1,920	1,696	1,409
Nebraska	40,428	3,224	2,951	2,846	4,369	4,880
Nevada	11,022	1,064	994	1,033	894	861
New Hampshire	8,054	966	290	202	562	411
New Jersey	80,483	7,496	6,794	6,139	5,773	6,845
New Mexico	24,962	2,004	2,299	2,053	2,048	1,809
New York	92,249	8,544	8,270	7,131	6,443	6,431
North Carolina	98,306	8,826	8,746	8,589	7,733	7,771
North Dakota	19,101	1,435	1,306	1,491	1,348	1,376
Ohio	307,748	31,006	28,235	25,752	21,571	23,273
Oklahoma	126,193	12,210	11,798	10,611	9,782	10,435
Oregon	70,510	6,001	5,714	5,848	5,370	5,471
Pennsylvania	205,127	20,139	18,422	16,935	14,783	15,068
Rhode Island	4,455	342	588	578	502	481
South Carolina	99,042	8,027	8,393	8,280	7,435	7,789
South Dakota	3,946	505	544	393	270	215
Tennessee	118,219	10,608	10,217	9,207	7,747	8,781
Texas	2,014,722	148,275	140,107	145,336	154,730	169,381
Utah	26,879	2,488	2,409	2,415	2,117	2,040
Vermont	3,085	283	287	269	199	200
Virginia	73,973	5,613	5,866	6,162	6,500	7,330
Washington	67,717	5,766	5,874	5,633	5,034	4,881
West Virginia	45,492	4,147	4,094	4,218	3,160	3,619
Wisconsin	137,706	14,552	12,517	11,328	8,487	8,207
Wyoming	41,725	3,786	4,001	3,703	3,031	3,267
Total	7,556,607	662,418	632,487	614,579	576,956	613,541

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised Data.

^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003
				February	January	Total
Alabama	NA	15,037	17,111	NA	^R 9,258	87,809
Alaska	NA	6,080	5,111	NA	^R 3,533	35,809
Arizona	NA	11,200	14,288	NA	^R 9,704	133,845
Arkansas	NA	5,339	3,436	NA	^R 1,698	30,176
California	NA	103,644	99,599	NA	^R 45,680	658,015
Colorado	NA	10,679	9,490	NA	^R 6,579	72,815
Connecticut	NA	4,607	8,401	NA	^R 2,720	43,095
Delaware	NA	808	1,920	NA	^R 929	11,209
District of Columbia	NA	0	0	NA	^R 0	0
Florida	NA	58,829	61,897	NA	^R 35,685	522,958
Georgia	NA	3,928	2,077	NA	^R 1,929	37,806
Hawaii	NA	0	0	NA	^R 0	0
Idaho	NA	271	292	NA	^R 153	2,272
Illinois	NA	5,877	5,256	NA	^R 2,443	35,960
Indiana	NA	3,189	4,543	NA	^R 2,938	28,169
Iowa	NA	608	657	NA	^R 439	4,493
Kansas	NA	1,556	1,659	NA	^R 582	15,711
Kentucky	NA	801	830	NA	^R 406	3,680
Louisiana	NA	30,874	39,403	NA	^R 13,133	221,309
Maine	NA	10,245	16,148	NA	^R 4,948	67,262
Maryland	NA	1,235	1,063	NA	^R 549	21,194
Massachusetts	NA	18,860	17,115	NA	^R 11,783	171,267
Michigan	NA	21,217	21,581	NA	^R 10,684	101,389
Minnesota	NA	2,174	1,530	NA	^R 2,150	19,890
Mississippi	NA	20,663	24,833	NA	^R 4,675	99,495
Missouri	NA	2,250	3,526	NA	^R 1,533	20,845
Montana	NA	27	3	NA	^R 6	259
Nebraska	NA	286	309	NA	^R 200	4,930
Nevada	NA	14,310	16,535	NA	^R 7,890	112,285
New Hampshire	NA	0	30	NA	^R 0	1
New Jersey	NA	16,670	19,692	NA	^R 7,946	122,224
New Mexico	NA	4,901	4,241	NA	^R 2,898	38,336
New York	NA	34,319	49,890	NA	^R 14,657	251,027
North Carolina	NA	4,865	2,334	NA	^R 3,224	29,113
North Dakota	NA	0	0	NA	^R 0	0
Ohio	NA	899	924	NA	^R 797	14,798
Oklahoma	NA	22,262	25,552	NA	^R 11,057	189,618
Oregon	NA	13,482	13,080	NA	^R 8,063	75,141
Pennsylvania	NA	3,221	4,849	NA	^R 4,183	40,780
Rhode Island	NA	7,451	10,211	NA	^R 3,607	40,180
South Carolina	NA	3,455	4,968	NA	^R 1,857	16,468
South Dakota	NA	78	154	NA	^R 103	1,743
Tennessee	NA	1,099	34	NA	^R 197	2,896
Texas	NA	207,845	196,058	NA	^R 88,904	1,416,030
Utah	NA	1,619	1,371	NA	^R 434	15,164
Vermont	NA	2	7	NA	^R 1	30
Virginia	NA	4,333	3,022	NA	^R 3,626	32,376
Washington	NA	10,089	7,768	NA	^R 5,808	53,868
West Virginia	NA	102	135	NA	^R 51	2,064
Wisconsin	NA	3,792	2,314	NA	^R 2,084	21,114
Wyoming	NA	776	431	NA	^R 196	2,323
Total	^E661,919	695,853	725,677	^E320,000	^R341,919	4,929,240

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	December	November	October	September	August	July
Alabama	6,465	3,841	3,028	7,106	17,406	12,592
Alaska	3,384	3,152	2,980	2,847	3,108	3,133
Arizona	5,506	6,087	11,502	16,335	21,021	20,481
Arkansas	1,401	1,659	2,246	2,344	3,824	3,558
California	49,343	49,610	62,558	66,607	76,282	81,897
Colorado	6,106	6,071	4,729	6,030	9,322	8,567
Connecticut	3,666	4,459	3,869	4,126	4,588	3,890
Delaware	662	452	891	1,088	2,041	2,160
District of Columbia	0	(—)	0	0	0	0
Florida	37,405	44,122	47,217	51,628	51,497	52,649
Georgia	880	2,065	2,595	2,853	8,657	6,283
Hawaii	0	(—)	0	0	0	0
Idaho	119	137	131	140	332	612
Illinois	1,511	1,367	1,303	1,572	10,506	5,353
Indiana	2,641	2,684	1,485	2,414	4,879	3,030
Iowa	225	476	242	277	1,049	576
Kansas	778	861	608	866	4,054	3,052
Kentucky	283	106	104	159	958	464
Louisiana	15,858	15,334	16,791	18,449	28,714	27,217
Maine	5,660	6,079	6,990	6,104	6,674	6,861
Maryland	491	495	2,744	3,560	4,197	4,403
Massachusetts	13,040	14,271	18,540	16,941	19,232	21,092
Michigan	7,434	6,490	6,362	6,850	15,717	9,192
Minnesota	1,433	1,871	2,013	1,836	4,438	2,632
Mississippi	6,547	6,304	5,118	7,555	10,394	10,704
Missouri	633	476	109	749	5,568	5,293
Montana	34	11	15	11	63	26
Nebraska	99	260	235	224	1,386	1,436
Nevada	9,201	8,514	10,430	11,291	13,694	13,860
New Hampshire	0	0	0	0	0	0
New Jersey	11,228	8,788	9,841	10,771	16,861	15,790
New Mexico	2,896	2,497	2,629	3,229	5,356	4,814
New York	14,787	15,590	19,602	21,878	36,973	32,144
North Carolina	1,286	1,462	942	3,466	5,040	4,731
North Dakota	0	0	0	0	0	0
Ohio	411	493	377	752	6,755	1,492
Oklahoma	11,649	8,520	13,599	16,458	32,630	32,405
Oregon	6,586	7,787	8,201	9,441	9,077	9,294
Pennsylvania	2,841	2,311	3,390	2,891	9,027	6,441
Rhode Island	2,724	3,882	3,356	3,931	4,397	4,808
South Carolina	443	233	302	652	4,276	2,703
South Dakota	57	91	95	158	486	477
Tennessee	40	55	53	73	403	112
Texas	85,269	88,348	104,675	109,050	173,402	165,419
Utah	451	428	1,195	1,344	2,224	2,308
Vermont	3	5	4	3	3	2
Virginia	2,259	3,295	1,496	2,164	6,257	4,787
Washington	3,686	5,287	5,377	6,647	6,766	6,883
West Virginia	151	169	101	201	602	284
Wisconsin	1,762	1,093	1,299	1,117	3,660	2,421
Wyoming	38	58	104	99	292	326
Total	329,373	337,644	391,473	434,285	654,087	608,655

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	7,511	4,608	5,840	4,377	5,320	9,717
Alaska	2,911	2,615	2,712	2,888	2,715	3,365
Arizona	11,981	8,701	9,405	11,626	8,703	2,497
Arkansas	1,742	2,887	2,838	2,337	2,973	2,366
California	43,102	37,310	35,140	52,522	51,396	52,248
Colorado	4,998	6,022	4,519	5,772	5,472	5,206
Connecticut	2,870	3,254	3,505	4,261	2,098	2,509
Delaware	856	356	943	952	353	456
District of Columbia	0	0	0	0	0	0
Florida	46,957	50,704	39,940	42,010	28,404	30,425
Georgia	2,895	2,488	4,279	884	801	3,127
Hawaii	0	0	0	0	0	0
Idaho	169	137	103	121	121	150
Illinois	2,534	1,492	1,870	2,574	2,829	3,048
Indiana	2,194	2,759	935	1,959	1,729	1,459
Iowa	219	246	280	296	330	277
Kansas	1,196	922	780	1,037	730	827
Kentucky	160	302	189	153	174	627
Louisiana	20,293	18,727	15,679	13,374	13,630	17,244
Maine	5,255	4,141	4,923	4,329	3,613	6,632
Maryland	1,800	1,293	642	334	572	662
Massachusetts	15,276	12,129	10,988	10,899	9,733	9,128
Michigan	6,556	7,188	6,955	7,428	9,741	11,477
Minnesota	1,049	554	1,159	731	1,045	1,129
Mississippi	8,757	8,162	8,307	6,983	8,169	12,494
Missouri	1,267	1,285	2,399	817	661	1,589
Montana	37	11	2	21	20	7
Nebraska	424	194	261	125	161	125
Nevada	9,886	7,153	6,409	7,538	7,017	7,294
New Hampshire	0	0	0	0	0	0
New Jersey	8,331	8,598	8,284	7,062	8,118	8,552
New Mexico	3,535	3,293	2,349	2,838	2,704	2,197
New York	20,838	16,880	17,698	20,318	15,316	19,004
North Carolina	657	3,141	2,192	1,332	1,758	3,107
North Dakota	0	0	0	0	0	0
Ohio	813	639	1,089	1,077	348	552
Oklahoma	16,264	14,044	11,659	10,129	11,557	10,705
Oregon	3,209	1,623	2,085	4,356	5,636	7,847
Pennsylvania	3,270	2,207	2,470	2,712	1,624	1,597
Rhode Island	3,167	1,848	1,764	2,853	3,083	4,367
South Carolina	1,352	1,202	1,437	413	816	2,639
South Dakota	205	10	66	18	51	27
Tennessee	131	27	639	264	116	983
Texas	141,088	137,715	101,148	102,071	99,744	108,101
Utah	1,342	1,108	1,773	1,372	754	865
Vermont	2	3	2	1	1	1
Virginia	1,260	827	3,237	2,461	959	3,374
Washington	1,042	1,068	1,846	5,177	5,146	4,943
West Virginia	144	95	140	76	36	67
Wisconsin	1,225	1,053	1,793	1,900	2,106	1,686
Wyoming	55	82	238	254	418	358
Total	410,827	381,098	332,912	353,032	328,801	367,051

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	112,403	5,608	5,415	7,064	11,855	15,892
Alaska	31,704	3,118	2,605	2,861	2,601	2,482
Arizona	145,346	12,131	11,510	14,354	16,847	17,996
Arkansas	42,430	1,288	1,415	3,676	5,298	6,460
California	726,627	57,695	52,006	57,204	75,298	80,441
Colorado	78,171	6,190	5,672	7,059	6,242	7,515
Connecticut	65,060	4,227	4,165	4,687	7,282	8,302
Delaware	17,460	329	269	1,248	1,932	2,210
District of Columbia	0	0	0	0	0	0
Florida	521,868	30,983	35,484	52,477	53,763	58,690
Georgia	56,588	1,354	849	4,206	7,887	11,906
Hawaii	0	0	0	0	0	0
Idaho	2,720	125	98	170	156	228
Illinois	81,867	1,418	1,013	2,177	6,897	15,556
Indiana	35,104	1,962	2,010	1,903	3,299	4,557
Iowa	5,250	229	264	281	551	637
Kansas	21,389	672	781	683	1,984	4,045
Kentucky	13,712	251	261	296	1,262	1,996
Louisiana	323,804	14,750	16,204	23,674	32,420	41,790
Maine	90,769	7,498	7,749	7,554	7,831	8,041
Maryland	22,273	932	769	1,098	2,957	6,572
Massachusetts	128,852	11,339	9,628	11,693	13,386	14,505
Michigan	146,133	9,403	7,328	10,028	13,037	18,463
Minnesota	13,181	629	605	830	1,304	1,526
Mississippi	163,664	7,909	6,416	8,932	15,022	19,402
Missouri	29,911	418	576	543	3,221	5,248
Montana	116	4	1	1	10	20
Nebraska	4,947	145	175	413	548	842
Nevada	109,605	8,707	9,317	9,859	10,763	11,631
New Hampshire	1,096	103	0	194	219	311
New Jersey	160,363	11,476	11,207	10,334	15,609	22,412
New Mexico	37,324	2,431	2,430	2,866	2,989	4,209
New York	365,705	21,361	23,132	30,298	37,923	48,900
North Carolina	31,877	1,315	413	1,979	3,243	6,995
North Dakota	1	0	0	0	0	0
Ohio	22,722	428	410	1,034	3,175	5,335
Oklahoma	194,770	7,817	7,041	12,173	21,384	29,818
Oregon	55,854	5,541	5,330	5,579	5,614	4,899
Pennsylvania	50,251	2,064	2,284	3,617	5,545	10,396
Rhode Island	53,965	5,121	5,812	3,985	4,282	4,444
South Carolina	36,710	279	396	1,101	2,795	6,603
South Dakota	1,265	25	12	27	148	55
Tennessee	2,596	281	77	1	74	651
Texas	1,550,292	101,970	103,613	124,397	148,525	190,565
Utah	15,439	1,239	1,065	2,334	2,199	2,022
Vermont	37	3	4	4	3	3
Virginia	34,936	1,963	659	1,913	4,318	6,819
Washington	39,552	5,690	3,821	4,011	3,934	3,219
West Virginia	1,885	45	73	81	139	448
Wisconsin	20,541	1,336	1,028	956	2,350	2,149
Wyoming	3,764	320	217	498	576	387
Total	5,671,897	360,123	351,612	442,357	568,699	717,592

^R Revised Data.

^E Estimated Data.

^{NA} Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computation and revision policy.

Source: Form EIA-906, "Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003
				February	January	Total
Alabama	NA	72,829	69,451	NA	R37,567	309,075
Alaska	NA	22,525	23,671	NA	R14,127	NA
Arizona	NA	33,141	39,751	NA	R22,501	217,037
Arkansas	NA	53,937	49,371	NA	R25,589	211,123
California	NA	NA	408,764	NA	R218,807	NA
Colorado	NA	90,869	93,004	NA	R47,574	372,900
Connecticut	NA	38,294	37,419	NA	R20,081	153,268
Delaware	NA	NA	10,138	NA	R6,920	NA
District of Columbia	NA	11,096	9,069	NA	NA	33,192
Florida	NA	NA	93,903	NA	R51,002	NA
Georgia	NA	97,315	82,033	NA	R50,771	363,198
Hawaii	NA	488	462	NA	NA	2,738
Idaho	NA	14,214	17,203	NA	R8,942	57,993
Illinois	NA	314,498	250,812	NA	R164,574	988,410
Indiana	NA	150,902	124,854	NA	R80,662	522,473
Iowa	NA	63,752	53,594	NA	R32,619	219,332
Kansas	NA	65,246	53,505	NA	R30,206	234,467
Kentucky	NA	63,630	50,352	NA	R32,628	206,265
Louisiana	NA	175,084	199,781	NA	R93,720	NA
Maine	NA	12,742	18,223	NA	R6,291	NA
Maryland	NA	60,108	47,023	NA	R33,331	204,588
Massachusetts	NA	97,313	84,979	NA	R50,825	NA
Michigan	NA	274,516	228,699	NA	R136,501	890,291
Minnesota	NA	104,637	83,774	NA	R58,054	353,472
Mississippi	NA	59,176	57,825	NA	R21,475	245,764
Missouri	NA	85,317	75,027	NA	R41,160	262,238
Montana	NA	13,575	14,597	NA	R8,743	53,643
Nebraska	NA	31,182	30,172	NA	R16,516	114,111
Nevada	NA	31,661	35,572	NA	R19,168	179,666
New Hampshire	NA	NA	6,105	NA	R3,632	NA
New Jersey	NA	171,806	138,784	NA	R87,994	NA
New Mexico	NA	26,918	29,705	NA	R14,863	115,029
New York	NA	290,954	256,396	NA	R130,862	R1,066,901
North Carolina	NA	65,131	53,194	NA	R34,148	NA
North Dakota	NA	10,036	10,119	NA	R5,244	NA
Ohio	NA	261,689	204,763	NA	R135,366	827,758
Oklahoma	NA	85,456	85,501	NA	R43,394	419,865
Oregon	NA	43,029	47,787	NA	R26,763	206,392
Pennsylvania	NA	197,538	154,936	NA	R100,567	650,626
Rhode Island	NA	19,192	19,256	NA	R9,358	75,804
South Carolina	NA	36,917	38,552	NA	R18,107	141,013
South Dakota	NA	10,324	7,420	NA	R5,503	36,476
Tennessee	NA	78,910	68,294	NA	R33,957	247,212
Texas	NA	648,197	658,993	NA	R306,947	3,629,897
Utah	NA	31,870	37,387	NA	R21,518	125,806
Vermont	NA	2,344	2,276	NA	R1,158	8,394
Virginia	NA	72,096	56,685	NA	R40,637	251,020
Washington	NA	54,079	56,892	NA	R32,854	R238,263
West Virginia	NA	29,650	24,220	NA	R14,561	NA
Wisconsin	NA	117,129	93,665	NA	R67,465	387,847
Wyoming	NA	14,723	14,127	NA	R7,671	R67,612
Total	NA	4,823,232	4,410,504	NA	R2,480,977	R20,180,947

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	December	November	October	September	August	July
Alabama	28,901	19,705	18,112	20,780	31,555	26,958
Alaska	NA	11,949	NA	11,230	11,338	11,043
Arizona	16,421	12,115	16,138	20,380	25,289	24,717
Arkansas	19,993	15,242	14,544	12,431	13,200	12,885
California	208,329	174,165	168,114	168,841	175,623	180,450
Colorado	47,794	39,492	21,212	20,621	22,770	22,686
Connecticut	16,887	13,223	10,239	7,968	9,277	8,573
Delaware	4,993	3,677	3,023	2,797	3,569	3,578
District of Columbia	4,981	2,769	2,021	875	1,285	1,131
Florida	50,281	55,678	NA	NA	62,826	62,830
Georgia	47,890	28,363	23,344	19,923	25,841	23,277
Hawaii	239	216	218	224	219	225
Idaho	7,031	5,356	3,380	2,942	2,588	3,037
Illinois	126,937	89,625	60,145	39,492	44,457	39,228
Indiana	64,429	46,655	35,153	27,199	27,237	24,850
Iowa	26,503	20,426	13,547	10,495	10,002	9,837
Kansas	25,856	16,092	13,192	13,750	15,318	15,602
Kentucky	27,285	16,979	13,377	10,407	10,337	9,498
Louisiana	90,075	78,971	77,940	79,004	NA	86,692
Maine	NA	6,789	NA	6,562	7,115	7,331
Maryland	26,948	16,058	14,063	10,003	10,538	10,672
Massachusetts	NA	NA	36,132	NA	NA	31,777
Michigan	99,743	70,166	50,408	33,443	42,904	35,974
Minnesota	46,227	36,190	22,901	14,887	16,216	15,422
Mississippi	22,051	16,729	14,964	16,673	19,159	19,723
Missouri	30,720	17,597	11,129	10,011	14,862	13,066
Montana	7,110	5,905	3,241	2,162	2,005	2,040
Nebraska	13,082	8,867	6,845	5,970	7,599	7,711
Nevada	18,478	14,442	14,037	14,451	16,693	17,093
New Hampshire	NA	1,942	1,435	1,024	1,062	1,015
New Jersey	74,059	46,327	NA	28,882	34,349	34,512
New Mexico	12,574	7,793	6,177	7,011	8,443	8,274
New York	103,331	^R 74,080	61,427	53,732	68,888	63,775
North Carolina	28,502	18,190	NA	13,258	14,423	13,452
North Dakota	NA	3,982	2,275	1,725	1,079	1,278
Ohio	103,296	63,146	50,661	32,763	37,525	32,689
Oklahoma	37,835	25,108	27,521	28,792	45,441	44,895
Oregon	22,165	19,254	16,606	17,044	16,311	16,593
Pennsylvania	77,988	47,523	39,900	26,315	32,979	30,318
Rhode Island	6,285	6,472	4,709	4,891	5,423	5,830
South Carolina	13,886	9,550	8,397	8,274	11,739	9,850
South Dakota	4,459	3,716	2,054	1,575	1,738	1,790
Tennessee	27,584	16,098	13,599	11,813	11,812	11,518
Texas	285,289	258,544	276,124	278,798	365,651	366,658
Utah	16,584	13,370	8,002	6,382	6,496	6,470
Vermont	1,030	709	503	326	313	294
Virginia	33,209	21,022	15,274	11,329	14,450	13,962
Washington	^R 26,961	^R 22,955	16,732	15,679	14,991	15,310
West Virginia	NA	8,091	7,209	5,577	5,613	NA
Wisconsin	47,431	36,643	24,663	16,556	17,273	15,653
Wyoming	^R 7,265	5,454	5,111	4,406	4,200	4,142
Total	^R2,088,091	^R1,583,871	1,388,697	1,248,892	1,468,087	1,430,528

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	21,129	20,106	23,056	25,944	33,643	39,186
Alaska	NA	11,086	12,044	12,067	10,442	12,083
Arizona	16,611	14,446	16,496	21,284	18,247	14,893
Arkansas	12,749	15,240	18,188	22,714	27,068	26,870
California	144,778	148,903	156,670	186,419	NA	NA
Colorado	18,769	25,031	25,481	38,175	46,928	43,941
Connecticut	7,995	9,924	13,700	17,189	18,502	19,791
Delaware	2,477	2,132	3,532	4,884	5,644	NA
District of Columbia	1,151	1,600	2,552	3,730	5,133	5,963
Florida	56,995	61,734	51,239	54,053	NA	NA
Georgia	19,011	20,972	27,156	30,105	41,259	56,056
Hawaii	219	227	229	235	237	251
Idaho	3,294	4,393	5,279	6,477	6,728	7,486
Illinois	38,293	47,025	74,433	114,277	146,910	167,588
Indiana	25,553	31,552	36,363	52,582	70,309	80,592
Iowa	10,116	12,407	16,839	25,407	32,393	31,359
Kansas	11,439	13,400	17,147	27,426	31,533	33,713
Kentucky	9,328	10,800	14,022	20,602	28,947	34,682
Louisiana	72,508	82,280	81,337	82,972	81,208	93,876
Maine	5,722	4,625	5,704	5,370	4,748	7,994
Maryland	8,779	10,660	15,597	21,162	28,458	31,650
Massachusetts	28,714	30,121	35,961	44,541	48,779	^R 48,533
Michigan	37,757	53,996	78,714	112,669	134,058	140,458
Minnesota	12,906	18,222	26,556	39,308	50,689	53,948
Mississippi	18,510	17,826	19,426	21,527	26,678	32,498
Missouri	10,724	13,549	21,355	33,907	42,745	42,572
Montana	2,726	3,510	4,676	6,693	6,964	6,610
Nebraska	4,496	6,198	8,716	13,447	15,394	15,788
Nevada	13,335	11,982	12,372	15,123	14,933	16,728
New Hampshire	1,151	1,753	2,472	3,335	NA	NA
New Jersey	27,686	36,842	51,815	69,160	84,391	87,415
New Mexico	7,408	8,378	9,674	12,380	12,971	13,947
New York	55,797	68,629	94,890	131,398	147,259	143,694
North Carolina	9,505	14,748	17,621	21,962	31,055	34,075
North Dakota	1,612	2,036	2,494	4,145	4,580	5,456
Ohio	33,125	44,851	66,456	101,558	125,221	136,468
Oklahoma	27,880	28,176	30,719	38,040	41,806	43,650
Oregon	11,174	12,177	13,903	18,136	19,516	23,513
Pennsylvania	29,122	36,041	53,733	79,168	96,053	101,485
Rhode Island	4,902	4,332	5,488	8,281	9,205	9,988
South Carolina	8,209	9,787	11,868	12,536	17,228	19,689
South Dakota	1,684	1,900	2,898	4,339	5,034	5,290
Tennessee	13,573	14,980	19,102	28,223	37,896	41,014
Texas	289,201	298,271	266,873	296,290	312,106	336,092
Utah	5,801	7,111	10,773	12,948	15,982	15,888
Vermont	368	540	907	1,062	1,191	1,153
Virginia	11,873	14,060	18,100	25,646	32,215	39,882
Washington	11,402	14,881	19,244	26,029	26,198	27,881
West Virginia	5,021	5,928	7,636	NA	14,547	15,104
Wisconsin	15,617	20,871	31,961	44,050	55,305	61,823
Wyoming	4,427	5,020	5,811	7,054	7,094	7,630
Total	1,204,924	1,356,565	1,570,540	2,017,520	2,322,591	^R 2,500,641

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	^R 340,925	30,757	22,608	22,513	26,558	30,397
Alaska	^R 129,292	11,621	10,291	10,827	9,717	9,907
Arizona	^R 230,374	21,648	17,704	19,107	20,983	22,083
Arkansas	^R 233,046	21,567	17,770	16,932	16,789	17,700
California	^R 2,218,924	208,568	170,370	177,029	177,934	189,346
Colorado	^R 409,504	47,234	39,239	35,003	22,103	21,440
Connecticut	^R 175,072	18,625	14,214	11,230	12,069	13,177
Delaware	^R 52,167	5,597	3,936	3,843	4,170	3,816
District of Columbia	^R 32,656	5,436	3,889	2,189	1,202	1,164
Florida	^R 691,075	46,289	48,749	65,473	66,250	71,305
Georgia	^R 375,567	47,106	32,829	23,785	24,899	29,701
Hawaii	2,734	236	227	215	224	222
Idaho	^R 65,040	6,958	5,909	4,121	3,265	2,781
Illinois	^R 1,036,437	131,692	100,924	70,116	43,652	51,274
Indiana	^R 533,754	68,056	49,556	37,204	28,357	30,668
Iowa	^R 215,466	27,222	22,217	14,560	10,403	9,815
Kansas	^R 239,044	26,326	21,903	12,976	15,899	20,026
Kentucky	^R 210,263	27,491	20,911	14,476	10,996	10,759
Louisiana	^R 1,194,118	102,323	96,945	94,141	98,066	109,432
Maine	100,659	8,845	8,866	8,405	8,186	8,641
Maryland	^R 193,766	28,827	20,408	12,911	10,157	12,842
Massachusetts	^R 388,972	45,435	31,958	27,484	25,422	26,957
Michigan	^R 926,300	114,382	82,091	53,442	40,929	47,074
Minnesota	^R 348,523	45,016	37,198	27,419	14,868	15,102
Mississippi	^R 312,237	24,434	18,427	19,658	24,488	29,101
Missouri	^R 272,700	32,800	22,911	14,002	11,779	13,566
Montana	^R 58,451	6,147	5,929	4,300	2,711	2,298
Nebraska	^R 117,429	13,269	9,753	6,218	6,786	7,414
Nevada	^R 175,739	16,521	14,840	13,798	13,988	14,618
New Hampshire	^R 24,841	3,507	1,847	1,038	1,381	1,055
New Jersey	^R 597,158	78,844	53,058	35,116	34,515	38,755
New Mexico	^R 122,917	12,618	9,245	7,270	6,710	7,857
New York	^R 1,190,745	130,678	106,098	77,281	74,748	87,878
North Carolina	^R 229,338	27,257	19,024	15,047	13,640	17,088
North Dakota	^R 42,569	4,743	3,908	3,550	1,988	1,963
Ohio	^R 815,051	108,901	76,391	52,099	35,117	38,903
Oklahoma	^R 429,141	34,573	27,196	26,057	34,006	43,091
Oregon	^R 193,006	20,005	16,780	14,195	12,978	12,198
Pennsylvania	^R 631,111	83,789	58,460	40,386	30,359	34,675
Rhode Island	^R 87,472	9,553	8,981	5,720	5,630	5,748
South Carolina	^R 184,422	16,473	12,517	11,176	11,840	15,891
South Dakota	^R 28,379	3,603	3,233	2,116	1,017	776
Tennessee	^R 243,955	31,835	20,337	13,431	11,102	12,438
Texas	^R 3,963,152	304,910	278,785	290,346	318,909	376,599
Utah	^R 135,699	16,447	13,814	11,589	7,591	6,481
Vermont	8,353	1,003	803	485	348	336
Virginia	^R 247,351	32,089	22,349	16,512	14,992	18,373
Washington	^R 227,360	25,818	20,551	15,045	12,459	11,367
West Virginia	^R 103,081	12,944	10,007	6,779	4,800	5,557
Wisconsin	^R 381,498	49,912	39,330	28,429	16,659	15,795
Wyoming	^R 69,633	7,441	6,741	5,842	4,389	4,053
Total	21,236,462	2,208,643	1,763,258	1,504,158	1,409,259	1,580,767

^R Revised Data.^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the State annual totals through 2002 but not in the State monthly components. See

Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

Table 20. Average City Gate Price, by State, 2002-2004
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003		
				February	January	Total	December	November
Alabama	6.22	4.91	4.75	6.22	6.23	6.07	6.29	6.57
Alaska	3.13	2.30	2.43	3.50	2.89	NA	2.33	2.37
Arizona	5.38	4.53	3.34	5.31	5.44	4.87	5.32	5.08
Arkansas	6.58	5.59	5.11	6.55	6.60	6.07	6.72	7.35
California	5.63	4.84	2.55	5.44	5.80	5.20	4.76	4.72
Colorado	5.43	3.78	2.79	5.62	5.27	4.11	4.67	4.35
Connecticut	6.30	6.61	5.74	6.64	6.05	5.59	4.89	4.71
Delaware	6.12	5.72	4.28	5.84	6.32	5.88	5.62	5.20
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.31	5.61	3.32	6.21	6.40	5.87	6.25	5.69
Georgia	6.65	6.11	3.32	6.31	6.93	6.24	6.25	5.85
Hawaii	9.15	8.09	6.30	9.25	9.05	8.63	8.19	8.52
Idaho	5.14	3.24	3.66	5.03	5.25	4.27	4.97	4.68
Illinois	6.12	5.87	3.35	6.11	6.14	5.97	6.08	5.72
Indiana	6.19	5.74	3.35	6.12	6.24	6.19	6.13	5.69
Iowa	6.60	5.54	3.46	6.43	6.74	6.19	6.42	5.39
Kansas	6.50	5.49	3.73	6.59	6.43	6.00	5.66	5.12
Kentucky	7.04	5.30	4.35	7.16	6.96	6.11	6.83	6.36
Louisiana	6.54	NA	3.48	6.03	7.07	NA	5.84	5.36
Maine	NA	7.91	7.07	7.80	NA	7.45	9.08	9.88
Maryland	7.30	6.35	4.38	7.29	7.30	6.88	6.60	6.58
Massachusetts	NA	7.16	4.03	8.00	NA	NA	NA	6.59
Michigan	6.17	4.62	4.50	6.08	6.27	5.32	5.50	5.38
Minnesota	6.11	5.47	3.53	6.69	5.66	6.05	6.85	5.98
Mississippi	6.05	5.49	3.97	6.03	6.08	NA	6.08	5.49
Missouri	6.33	4.96	3.80	6.31	6.35	6.10	5.87	5.96
Montana	6.26	4.85	2.88	6.21	6.32	5.04	5.13	4.74
Nebraska	6.44	4.98	3.68	6.51	6.38	5.70	5.68	5.31
Nevada	6.61	4.07	4.23	6.51	6.70	5.67	6.46	5.62
New Hampshire	NA	NA	3.57	NA	NA	NA	NA	8.43
New Jersey	7.54	6.32	4.55	7.53	7.55	7.17	7.22	6.68
New Mexico	5.31	4.96	2.49	5.22	5.40	4.78	4.84	4.44
New York	6.60	5.58	3.91	6.38	6.80	5.61	5.52	5.46
North Carolina	6.65	5.92	3.90	6.75	6.56	NA	6.17	6.90
North Dakota	6.40	5.03	3.42	6.61	6.23	5.78	6.36	5.57
Ohio	6.81	6.48	3.93	7.24	6.52	6.59	5.68	6.41
Oklahoma	6.35	5.05	3.94	6.48	6.21	5.80	6.17	6.36
Oregon	5.36	4.51	4.90	5.47	5.28	NA	5.51	5.20
Pennsylvania	6.81	5.73	4.73	7.03	6.66	6.51	6.51	6.30
Rhode Island	6.81	5.09	3.96	5.94	7.40	6.94	6.59	6.24
South Carolina	6.93	5.96	4.63	6.88	6.98	6.70	6.27	6.23
South Dakota	6.27	5.20	4.07	6.36	6.18	6.07	6.23	4.97
Tennessee	6.45	5.76	4.09	6.58	6.34	5.95	6.25	5.64
Texas	5.82	5.78	3.34	5.61	6.03	5.57	5.67	4.90
Utah	5.49	5.04	4.44	5.48	5.49	4.74	5.55	4.50
Vermont	4.37	5.47	5.17	4.53	4.24	5.17	5.15	4.84
Virginia	7.01	6.07	3.96	6.93	7.06	6.60	6.60	6.23
Washington	NA	4.48	3.08	5.39	NA	^R 5.07	^R 5.10	^R 4.59
West Virginia	6.37	4.99	3.87	6.41	6.33	5.77	5.64	5.91
Wisconsin	6.29	5.36	3.71	6.33	6.26	6.19	5.80	5.40
Wyoming	5.66	2.53	3.97	5.86	^R 5.48	2.52	3.85	4.38
Total	6.37	5.56	3.78	6.34	^R6.39	^R5.85	^R5.90	^R5.50

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	October	September	August	July	June	May	April	March
Alabama	6.49	5.01	6.91	8.50	8.39	6.76	6.04	7.55
Alaska	2.34	2.35	2.57	2.12	NA	2.37	2.36	2.30
Arizona	4.74	4.88	4.84	5.06	5.17	4.78	4.22	5.21
Arkansas	7.46	7.26	7.27	6.46	6.99	6.94	5.25	5.00
California	4.83	5.32	5.19	4.85	6.63	5.05	4.75	6.68
Colorado	3.62	4.43	2.79	3.12	2.18	5.76	4.21	4.90
Connecticut	4.80	3.55	4.85	4.77	5.53	5.58	5.26	7.49
Delaware	4.94	5.27	5.04	5.40	5.92	5.31	5.36	8.66
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.28	5.28	5.44	5.73	6.48	5.80	5.86	7.20
Georgia	5.56	5.51	5.27	5.97	6.48	6.45	6.07	8.66
Hawaii	8.58	8.79	8.37	7.97	8.96	9.53	9.84	8.72
Idaho	4.23	4.49	4.81	5.62	6.82	4.78	4.12	4.28
Illinois	5.00	5.16	5.02	5.20	6.11	5.68	5.12	8.69
Indiana	5.75	6.01	6.38	7.57	7.15	5.74	5.96	8.14
Iowa	4.96	5.95	6.38	7.23	7.00	6.37	6.96	8.15
Kansas	5.29	5.55	6.06	6.32	6.75	5.95	6.30	8.61
Kentucky	6.25	6.18	6.15	6.13	6.78	6.07	6.78	7.30
Louisiana	5.11	5.29	5.11	5.69	6.25	5.68	4.49	NA
Maine	9.42	7.53	9.39	4.75	5.01	6.08	4.39	8.85
Maryland	6.60	7.24	5.99	7.45	8.48	6.98	6.83	8.93
Massachusetts	6.30	6.64	6.85	7.87	9.31	6.67	7.05	10.15
Michigan	5.13	5.26	5.26	5.48	5.80	5.21	4.95	6.58
Minnesota	5.02	5.35	5.65	5.98	5.55	5.06	5.56	8.48
Mississippi	5.63	6.24	5.51	6.40	6.81	5.77	5.81	NA
Missouri	6.48	7.56	8.27	7.61	8.45	7.12	6.18	8.39
Montana	4.89	4.73	4.83	5.27	5.35	4.94	4.68	6.17
Nebraska	5.63	5.73	5.61	5.89	5.82	6.42	6.16	7.38
Nevada	5.79	5.92	5.52	5.90	6.48	6.48	6.72	6.65
New Hampshire	7.30	6.85	8.77	7.17	6.86	5.95	NA	8.42
New Jersey	7.83	7.39	7.16	7.88	7.87	7.10	7.01	9.29
New Mexico	4.63	4.45	4.12	4.53	4.70	4.04	4.23	5.70
New York	4.90	5.06	4.81	5.06	5.74	5.71	5.46	7.25
North Carolina	NA	7.11	7.05	7.51	8.07	7.34	7.17	9.58
North Dakota	5.55	5.29	7.27	7.79	7.05	5.47	5.00	7.00
Ohio	5.73	5.24	4.59	11.95	7.99	4.55	9.74	8.51
Oklahoma	5.42	5.36	5.53	5.33	5.90	6.04	5.45	7.81
Oregon	5.40	6.02	6.00	NA	6.18	5.19	4.97	4.25
Pennsylvania	6.00	7.46	7.24	8.02	8.78	7.01	6.89	7.72
Rhode Island	7.10	11.81	12.76	12.64	11.59	8.31	6.44	8.98
South Carolina	6.08	6.87	6.67	7.38	7.94	7.06	6.66	9.45
South Dakota	4.89	5.58	6.29	8.00	7.32	6.62	7.07	8.50
Tennessee	5.31	5.55	5.45	5.68	6.32	5.59	5.63	7.68
Texas	4.61	5.07	5.02	5.30	6.02	4.87	5.03	7.54
Utah	3.57	5.98	5.82	5.94	4.39	3.62	3.76	4.32
Vermont	5.44	5.69	4.40	4.72	4.98	5.30	5.17	4.73
Virginia	6.54	8.54	7.94	7.04	7.77	7.85	6.92	6.69
Washington	4.87	6.22	5.66	6.15	6.22	5.35	4.82	6.44
West Virginia	6.21	6.05	6.18	6.80	6.65	5.83	5.92	6.15
Wisconsin	5.64	7.28	7.12	7.98	8.27	6.74	6.11	8.36
Wyoming	2.30	1.76	1.49	1.48	1.53	2.01	1.90	2.98
Total	5.25	5.58	5.48	5.82	6.40	5.66	5.61	7.60

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama	5.19	4.66	4.74	4.57	4.97	5.05	4.69	4.81
Alaska	2.22	2.35	2.36	2.44	2.46	2.27	2.39	1.72
Arizona	4.74	4.32	3.77	4.12	3.92	3.77	4.32	4.26
Arkansas	5.72	5.49	5.17	5.41	5.21	5.07	4.89	5.10
California	4.89	4.80	3.20	4.31	4.04	3.35	2.86	2.82
Colorado	3.93	3.62	2.72	3.28	3.01	2.08	1.70	1.59
Connecticut	5.89	7.33	6.42	6.55	6.48	6.32	8.41	6.54
Delaware	6.13	5.36	5.37	4.38	9.84	8.54	5.32	4.32
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.83	5.49	3.90	4.83	4.74	4.27	3.66	3.47
Georgia	6.46	5.88	4.55	5.36	5.67	5.18	5.27	4.85
Hawaii	8.30	7.89	7.17	7.90	8.20	7.78	7.76	7.53
Idaho	3.20	3.29	3.66	3.10	3.11	3.38	5.90	7.17
Illinois	6.55	5.34	3.68	3.10	4.51	4.49	4.68	3.30
Indiana	6.21	5.31	3.58	4.10	4.31	3.66	2.96	2.29
Iowa	5.83	5.30	4.16	5.11	4.79	4.41	4.17	4.58
Kansas	5.67	5.33	4.12	5.25	5.07	3.92	3.47	3.21
Kentucky	5.71	4.98	4.45	4.72	4.71	4.35	3.91	4.17
Louisiana	NA	5.51	4.07	5.31	5.02	4.43	4.25	3.61
Maine	8.01	7.82	6.74	6.87	8.04	6.97	6.76	7.11
Maryland	6.90	5.92	4.94	5.47	5.24	5.45	5.69	5.04
Massachusetts	7.17	7.16	5.20	5.87	5.34	5.83	6.93	8.07
Michigan	4.86	4.38	4.10	4.18	4.11	3.87	3.96	3.68
Minnesota	5.89	5.09	4.03	5.08	4.91	4.08	3.96	3.80
Mississippi	5.97	5.24	4.22	4.79	4.93	4.57	4.12	3.69
Missouri	5.22	4.75	4.56	4.78	4.92	4.89	5.79	5.60
Montana	5.18	4.61	2.98	4.82	3.70	2.86	2.53	2.00
Nebraska	5.19	4.78	4.09	4.88	4.59	4.03	3.98	4.08
Nevada	4.09	4.04	4.39	4.68	4.45	4.33	4.87	5.18
New Hampshire	NA	NA	4.38	5.94	4.18	4.70	4.53	4.41
New Jersey	6.61	6.08	5.33	5.87	5.96	5.98	5.75	5.44
New Mexico	5.34	4.62	2.91	4.04	3.58	2.96	2.20	2.56
New York	5.78	5.41	3.90	5.21	4.63	4.19	2.91	3.10
North Carolina	6.24	5.67	4.52	5.20	5.15	4.86	4.75	4.48
North Dakota	5.21	4.89	3.68	5.38	4.42	3.19	3.21	2.95
Ohio	7.05	6.01	4.68	5.00	4.86	7.24	4.34	2.48
Oklahoma	5.30	4.84	4.24	4.72	4.93	4.37	4.20	3.57
Oregon	4.37	4.64	5.25	4.69	4.76	5.41	6.58	6.35
Pennsylvania	6.13	5.44	5.20	5.20	5.12	5.46	6.78	4.56
Rhode Island	5.98	4.35	5.01	4.47	5.11	6.18	8.07	5.53
South Carolina	6.28	5.72	4.91	4.89	4.96	5.14	5.19	4.97
South Dakota	5.38	5.03	4.21	5.13	4.23	3.32	3.71	4.25
Tennessee	6.14	5.45	4.13	4.80	4.54	4.01	3.70	3.62
Texas	6.13	5.52	3.86	4.65	4.55	4.49	3.66	3.56
Utah	5.12	4.97	4.07	4.56	3.81	3.53	3.93	2.55
Vermont	5.52	5.43	4.85	4.54	4.30	4.43	5.14	5.53
Virginia	6.56	5.65	4.64	5.52	4.73	5.41	5.98	5.00
Washington	4.48	4.48	3.83	4.24	4.45	3.51	3.81	3.80
West Virginia	4.86	5.09	4.28	3.84	4.63	4.45	5.84	6.64
Wisconsin	5.73	5.03	4.36	4.90	5.01	4.57	5.56	5.73
Wyoming	2.59	2.47	2.87	2.51	2.04	1.51	3.99	3.16
Total	5.86	5.31	4.12	4.74	4.65	4.32	3.99	3.67

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003		
				February	January	Total	December	November
Alabama	11.54	9.48	9.75	11.49	11.58	11.76	12.27	15.45
Alaska	4.57	4.25	4.49	4.66	4.51	NA	4.42	4.11
Arizona	10.48	9.87	11.21	10.60	10.36	11.39	10.65	12.90
Arkansas	10.09	8.31	8.88	9.98	10.20	10.33	10.32	12.22
California	9.95	8.85	6.93	9.94	9.96	9.17	9.06	8.70
Colorado	7.40	4.51	5.23	7.42	7.37	6.63	7.33	7.48
Connecticut	12.96	11.64	10.71	13.04	12.89	NA	12.61	13.04
Delaware	NA	9.10	10.12	NA	9.89	10.52	10.98	10.24
District of Columbia	13.20	12.19	10.37	13.03	13.31	13.09	12.91	12.72
Florida	15.90	13.61	11.73	16.07	15.74	17.11	16.62	19.43
Georgia	11.33	10.21	8.74	11.65	11.05	11.96	10.20	11.93
Hawaii	25.31	24.34	23.37	25.79	24.85	25.16	24.89	25.96
Idaho	8.45	6.66	8.82	8.48	8.42	7.57	8.55	8.75
Illinois	8.50	7.22	5.11	8.37	8.60	8.64	7.91	8.42
Indiana	8.98	8.37	6.80	9.55	8.54	9.40	8.55	8.50
Iowa	8.58	7.82	5.67	8.59	8.57	9.25	9.09	8.40
Kansas	9.43	7.10	6.61	9.85	9.00	8.96	9.36	10.53
Kentucky	9.81	7.42	7.39	9.90	9.73	9.21	9.73	10.16
Louisiana	9.50	8.60	6.72	9.36	9.62	10.30	10.02	13.08
Maine	13.52	10.76	10.85	13.92	13.21	13.05	14.06	14.96
Maryland	10.95	9.33	8.71	10.86	11.01	10.99	10.97	11.48
Massachusetts	12.91	11.22	9.71	13.65	^R 12.16	NA	NA	12.90
Michigan	7.61	6.17	5.91	7.70	7.52	7.26	7.66	7.86
Minnesota	8.93	7.54	5.90	9.09	8.81	8.53	8.44	8.08
Mississippi	9.71	NA	7.29	9.41	9.99	NA	9.26	10.55
Missouri	9.65	7.88	7.26	9.73	9.56	9.49	9.70	10.94
Montana	8.32	5.93	5.61	8.56	8.13	7.08	7.68	7.72
Nebraska	7.98	6.68	5.39	8.05	7.90	7.81	7.38	7.68
Nevada	8.43	8.14	9.35	8.56	8.32	8.96	8.34	9.36
New Hampshire	NA	9.66	9.46	NA	NA	11.44	12.91	13.25
New Jersey	9.07	7.52	7.10	8.87	9.25	8.39	9.44	9.51
New Mexico	7.85	6.94	6.76	8.17	7.53	8.37	7.45	8.88
New York	11.24	9.57	9.08	11.21	11.26	11.44	11.18	11.83
North Carolina	11.05	9.34	8.45	10.94	11.15	NA	10.85	NA
North Dakota	7.88	6.24	4.77	8.22	7.63	7.50	7.62	7.34
Ohio	9.57	8.01	7.34	9.56	9.58	9.07	9.44	9.74
Oklahoma	8.84	7.10	7.43	8.88	8.81	8.71	8.76	11.23
Oregon	9.98	9.27	10.52	10.11	9.86	9.84	10.15	10.52
Pennsylvania	11.00	9.47	8.58	10.97	11.03	10.86	11.03	11.66
Rhode Island	12.19	10.73	11.24	12.10	12.31	11.86	12.72	12.84
South Carolina	11.64	10.40	9.37	11.57	11.73	11.93	11.91	14.12
South Dakota	8.25	7.26	6.15	8.28	8.23	8.49	8.53	7.82
Tennessee	9.54	9.19	7.54	9.49	9.59	9.79	9.44	10.82
Texas	8.52	7.68	6.44	8.42	8.61	9.21	8.69	9.36
Utah	7.34	6.88	6.18	7.38	7.31	7.33	7.81	7.57
Vermont	10.15	9.28	9.97	10.10	10.21	10.05	10.43	10.91
Virginia	12.06	9.95	8.81	12.61	11.64	11.83	11.00	11.88
Washington	9.46	7.44	9.61	9.17	^R 9.64	NA	^R 9.14	NA
West Virginia	9.89	7.77	7.99	10.03	9.74	8.77	9.68	10.18
Wisconsin	9.54	8.42	6.78	9.65	9.45	9.28	8.95	8.75
Wyoming	7.35	5.86	5.88	7.49	7.23	7.19	7.63	7.60
Total	9.67	8.25	7.32	9.73	^R9.60	9.51	^R9.40	9.68

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	October	September	August	July	June	May	April	March
Alabama	15.17	17.07	16.78	12.81	16.56	15.49	14.03	11.18
Alaska	4.30	4.65	5.27	NA	NA	4.60	4.31	4.33
Arizona	14.52	16.47	16.16	15.55	14.26	12.34	11.12	10.24
Arkansas	14.84	16.07	16.25	15.97	15.82	14.37	11.83	9.42
California	9.35	9.65	9.62	9.84	9.53	9.05	9.26	9.53
Colorado	8.69	8.67	10.23	10.53	9.33	8.24	7.39	5.59
Connecticut	14.07	12.34	NA	15.83	14.75	15.39	14.15	14.52
Delaware	11.99	15.11	14.89	13.92	13.47	12.31	10.84	10.69
District of Columbia	13.12	18.43	16.08	17.65	15.56	14.95	13.60	13.73
Florida	20.50	20.86	21.16	21.08	20.59	19.48	18.24	17.64
Georgia	14.17	17.50	18.20	16.80	17.61	14.09	14.14	13.03
Hawaii	25.88	25.73	22.10	25.09	25.30	26.60	26.24	25.60
Idaho	9.41	9.84	10.25	9.16	7.77	7.06	6.94	6.76
Illinois	9.02	11.20	12.16	12.82	12.21	10.76	9.64	10.19
Indiana	9.07	10.44	13.06	13.79	12.57	11.39	11.49	10.96
Iowa	9.55	13.97	13.76	15.20	13.78	10.55	10.33	9.83
Kansas	12.76	13.72	14.61	14.38	13.71	11.33	9.81	7.86
Kentucky	11.93	13.36	14.88	13.79	13.33	12.77	10.54	8.90
Louisiana	12.83	13.30	13.29	12.98	13.84	12.39	10.98	10.40
Maine	14.87	15.84	17.09	17.32	16.14	15.50	13.56	12.00
Maryland	11.75	15.27	15.89	14.27	14.49	13.81	12.06	10.97
Massachusetts	13.02	15.25	15.66	14.88	13.20	13.92	14.18	12.42
Michigan	8.65	10.50	11.08	10.43	9.37	7.95	7.27	6.61
Minnesota	8.20	10.01	10.07	10.52	11.42	8.82	7.91	10.89
Mississippi	11.02	10.51	10.42	11.82	12.08	10.91	9.26	NA
Missouri	13.09	14.86	15.96	15.37	13.48	11.70	9.67	8.49
Montana	8.62	9.81	10.77	10.25	8.03	6.71	7.09	6.32
Nebraska	9.55	10.89	11.16	11.17	9.88	8.29	8.63	8.27
Nevada	10.91	11.20	11.56	11.01	10.38	9.55	9.15	8.25
New Hampshire	14.07	17.86	17.41	18.24	15.55	11.97	10.44	9.81
New Jersey	9.58	9.79	9.44	9.31	8.84	8.64	8.52	7.91
New Mexico	11.24	11.93	12.95	12.74	10.97	9.23	9.06	8.40
New York	13.51	15.98	15.80	15.75	14.48	12.73	12.03	11.51
North Carolina	NA	18.07	19.09	18.17	16.61	14.02	12.10	11.03
North Dakota	8.17	9.73	10.75	12.04	10.74	8.19	7.96	8.07
Ohio	10.17	11.91	12.02	11.77	11.50	10.04	9.67	8.54
Oklahoma	12.80	13.63	13.80	13.53	12.63	11.40	9.38	7.79
Oregon	11.67	11.96	12.07	11.51	10.08	9.27	9.46	9.34
Pennsylvania	12.43	16.12	16.25	15.92	14.00	12.42	11.29	10.07
Rhode Island	14.11	15.93	15.40	12.93	14.15	13.38	11.18	10.78
South Carolina	14.71	16.20	16.13	15.84	15.18	13.50	12.88	12.37
South Dakota	8.87	10.97	12.12	12.74	11.45	9.54	9.61	8.92
Tennessee	12.03	12.12	13.41	13.30	11.35	10.54	9.80	9.79
Texas	11.06	12.93	13.24	12.78	12.68	11.00	10.57	9.75
Utah	7.80	9.04	9.50	9.45	7.77	6.68	6.15	6.85
Vermont	11.68	13.23	13.44	13.07	11.69	10.28	9.60	9.29
Virginia	12.79	18.18	17.33	19.83	17.59	16.35	12.76	13.60
Washington	9.93	10.41	10.87	10.36	9.41	8.68	7.78	7.44
West Virginia	10.48	11.12	13.13	12.59	11.62	9.87	8.86	7.26
Wisconsin	8.70	10.57	11.47	11.45	11.29	9.27	9.39	11.45
Wyoming	8.69	9.64	11.96	12.79	9.28	7.88	6.57	5.81
Total	10.54	12.18	12.74	12.53	11.91	10.63	10.05	9.61

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004
(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama	9.56	9.40	10.53	9.41	11.43	14.47	14.32	14.47
Alaska	4.33	4.20	4.41	4.47	4.41	4.47	4.72	5.12
Arizona	10.18	9.65	12.11	10.33	12.36	14.87	15.90	16.23
Arkansas	8.27	8.35	8.95	8.66	8.30	8.75	10.06	10.09
California	8.83	8.87	7.11	7.75	7.89	7.52	7.28	7.17
Colorado	4.46	4.57	5.62	4.64	4.80	5.27	8.04	9.63
Connecticut	11.57	11.71	11.15	11.01	11.10	11.94	14.45	12.39
Delaware	9.59	8.67	10.53	8.96	10.11	13.07	14.96	15.19
District of Columbia	13.40	11.24	11.01	10.55	11.40	11.59	15.36	11.19
Florida	14.09	13.14	13.61	12.77	15.60	16.53	16.72	16.60
Georgia	11.21	9.52	9.88	9.14	8.59	11.50	13.79	13.99
Hawaii	24.88	23.82	23.10	18.44	22.93	19.51	24.67	26.27
Idaho	6.67	6.64	8.41	6.75	7.10	7.57	8.20	8.62
Illinois	7.38	7.09	6.41	6.94	7.22	7.51	9.66	10.22
Indiana	8.65	8.14	7.68	7.87	7.83	7.63	11.02	11.42
Iowa	7.86	7.79	7.08	7.79	7.47	8.47	12.54	12.94
Kansas	7.33	6.88	7.24	6.28	6.49	9.09	10.89	11.34
Kentucky	7.52	7.33	7.52	7.01	7.08	9.00	10.39	11.22
Louisiana	8.79	8.41	8.13	8.84	10.51	11.07	10.30	10.09
Maine	11.77	9.87	11.78	13.70	11.95	11.43	12.19	13.40
Maryland	9.50	9.19	9.61	8.81	9.15	10.31	13.01	14.63
Massachusetts	11.33	11.09	10.05	10.87	10.04	9.91	11.85	12.36
Michigan	6.21	6.13	6.32	6.04	6.25	7.02	8.85	9.20
Minnesota	7.85	7.25	6.61	7.08	7.22	6.63	7.89	8.16
Mississippi	NA	8.84	7.76	7.62	9.18	10.15	9.97	9.35
Missouri	8.01	7.75	8.00	7.80	8.03	10.16	12.56	13.55
Montana	6.02	5.84	5.30	5.01	4.68	4.90	6.10	6.88
Nebraska	6.84	6.50	6.18	6.37	6.50	7.73	9.58	9.93
Nevada	8.31	7.99	9.70	8.64	9.80	10.96	11.36	11.85
New Hampshire	9.63	9.69	10.08	10.22	9.74	11.41	12.66	13.84
New Jersey	7.62	7.42	7.23	7.30	7.44	8.19	8.04	8.26
New Mexico	7.29	6.66	7.71	8.07	8.33	10.52	12.20	12.48
New York	9.66	9.48	9.92	9.55	10.15	11.92	13.29	13.26
North Carolina	9.35	9.34	9.37	9.41	9.54	11.54	14.87	16.06
North Dakota	6.39	6.11	5.14	5.41	5.13	4.44	6.43	6.59
Ohio	8.32	7.72	7.61	7.68	7.92	8.63	10.56	10.75
Oklahoma	7.67	6.58	7.78	7.08	7.73	9.60	10.62	10.44
Oregon	9.33	9.23	10.54	9.32	9.59	11.16	12.77	13.14
Pennsylvania	9.47	9.46	9.48	9.19	9.45	11.88	14.04	14.51
Rhode Island	10.67	10.81	11.81	11.05	11.68	13.59	15.19	15.36
South Carolina	10.46	10.34	9.73	9.96	10.60	10.97	11.52	11.66
South Dakota	7.64	6.93	6.93	7.64	6.54	6.70	9.54	10.50
Tennessee	9.33	9.07	8.15	8.25	8.50	9.98	10.79	11.31
Texas	8.57	6.89	7.28	7.00	7.28	8.76	10.68	10.80
Utah	6.61	7.16	6.39	6.78	6.34	5.60	7.49	7.54
Vermont	9.23	9.33	10.39	9.45	9.82	11.77	14.04	14.29
Virginia	10.77	9.27	9.78	9.16	8.87	11.11	15.61	12.87
Washington	7.45	7.43	9.33	7.47	8.19	9.29	10.44	10.62
West Virginia	7.80	7.74	8.44	7.90	8.15	8.94	11.73	12.96
Wisconsin	8.64	8.23	7.35	7.95	8.20	6.85	8.51	8.96
Wyoming	5.94	5.78	5.84	4.47	5.34	5.51	7.90	10.79
Total	8.44	8.07	7.91	7.88	8.01	8.62	10.26	10.47

^R Revised Data.

^{NA} Not Available.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of

computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003		
				February	January	Total	December	November
Alabama	10.43	8.75	8.71	10.39	10.48	10.09	10.80	11.49
Alaska	4.46	3.55	3.79	4.54	4.40	NA	3.83	3.73
Arizona	7.61	7.61	9.18	7.02	8.19	7.75	8.12	8.24
Arkansas	7.87	6.14	7.02	7.81	7.94	7.67	8.34	8.74
California	9.13	8.17	6.28	8.88	9.37	8.05	8.43	7.64
Colorado	6.77	4.11	4.80	6.66	6.88	5.83	6.68	6.92
Connecticut	11.58	9.84	7.11	11.73	11.44	10.49	10.02	10.08
Delaware	NA	7.93	9.43	NA	9.08	8.93	9.83	8.71
District of Columbia	12.92	12.39	10.09	12.88	12.95	12.26	12.31	11.86
Florida	11.23	9.85	7.89	11.29	11.16	10.91	10.74	10.36
Georgia	9.64	8.72	6.98	10.07	9.24	9.75	8.17	9.40
Hawaii	19.70	18.62	17.31	19.88	19.54	19.52	19.32	19.64
Idaho	7.91	6.04	8.22	7.92	7.89	6.91	7.93	8.23
Illinois	8.41	7.10	6.18	8.28	8.54	8.28	7.84	8.25
Indiana	7.87	7.77	6.24	7.51	8.22	8.45	7.63	7.83
Iowa	7.79	6.89	4.74	7.77	7.81	7.72	8.13	7.42
Kansas	9.40	7.05	6.29	9.75	9.01	8.45	9.19	10.08
Kentucky	9.49	7.14	7.26	9.55	9.44	8.65	9.51	9.75
Louisiana	9.23	8.19	6.25	9.15	9.31	8.82	9.38	9.56
Maine	12.76	10.54	10.26	12.98	12.58	NA	12.29	NA
Maryland	9.22	7.70	6.96	9.01	9.41	8.09	8.40	8.35
Massachusetts	11.74	9.77	8.99	12.55	^R 10.88	NA	NA	10.47
Michigan	7.40	6.05	5.67	7.47	7.33	6.89	7.40	7.81
Minnesota	8.25	6.95	4.17	8.30	8.22	7.60	7.56	7.23
Mississippi	7.93	7.66	6.50	7.64	8.21	NA	7.25	6.65
Missouri	9.47	7.67	7.20	9.57	9.36	8.65	9.31	9.77
Montana	8.27	5.98	5.74	8.50	8.09	7.04	7.66	7.72
Nebraska	7.44	6.37	4.86	7.50	7.38	6.83	6.67	6.29
Nevada	7.58	7.26	8.17	7.65	7.51	7.25	7.24	7.45
New Hampshire	NA	8.98	9.16	NA	NA	10.30	11.84	11.95
New Jersey	9.17	7.83	5.53	9.18	9.15	7.86	7.26	6.25
New Mexico	7.05	5.99	6.19	7.43	6.67	6.74	6.46	6.89
New York	9.79	8.28	6.63	9.94	9.65	^R 8.79	9.34	^R 8.61
North Carolina	9.84	8.05	7.08	9.49	10.16	NA	NA	11.19
North Dakota	7.42	6.01	4.70	7.74	7.20	6.99	7.17	6.84
Ohio	8.84	7.49	6.52	8.86	8.82	8.11	8.59	8.08
Oklahoma	9.03	7.25	7.09	9.01	9.05	8.26	8.89	10.00
Oregon	8.41	7.75	8.16	8.52	8.32	7.90	8.45	8.47
Pennsylvania	10.06	8.59	7.53	10.04	10.08	9.33	9.70	9.45
Rhode Island	10.89	9.39	9.94	10.83	10.96	10.34	11.15	11.40
South Carolina	10.39	9.20	7.99	10.42	10.37	9.97	9.98	10.67
South Dakota	7.35	6.32	4.79	7.32	7.37	7.12	7.59	6.64
Tennessee	9.04	7.80	7.27	9.23	8.85	8.63	9.36	8.96
Texas	7.80	7.06	5.12	7.73	7.87	7.66	7.99	8.24
Utah	6.38	5.50	5.24	6.37	6.39	5.95	6.75	6.70
Vermont	8.49	7.79	8.27	8.47	8.51	8.00	8.55	8.43
Virginia	9.79	8.37	6.84	9.96	9.65	9.44	9.22	9.25
Washington	NA	6.68	8.79	8.31	NA	^R 7.36	^R 8.19	^R 8.37
West Virginia	9.37	7.15	7.26	9.45	9.30	8.08	9.16	9.74
Wisconsin	8.53	7.47	5.74	8.57	8.50	8.02	7.91	7.47
Wyoming	6.44	4.63	5.35	6.50	6.39	5.74	6.66	6.58
Total	8.88	7.58	6.47	8.90	^R8.85	8.26	8.44	^R8.24

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	October	September	August	July	June	May	April	March
Alabama	10.97	11.59	10.91	9.85	11.05	11.30	11.56	10.00
Alaska	NA	3.24	3.16	3.05	NA	3.22	3.29	3.79
Arizona	7.97	7.89	7.81	7.56	7.58	7.56	7.35	7.71
Arkansas	8.77	9.29	9.48	9.47	9.72	9.69	8.48	7.03
California	7.55	7.93	7.57	7.85	7.79	7.37	8.72	8.73
Colorado	7.23	6.59	6.92	7.00	6.81	6.68	6.72	5.10
Connecticut	10.03	7.63	10.63	7.08	11.02	11.95	11.85	13.35
Delaware	10.16	9.65	9.63	9.49	10.28	9.93	9.12	9.29
District of Columbia	11.25	10.82	11.35	11.60	11.80	11.63	12.28	13.41
Florida	9.98	10.61	11.11	11.51	11.71	11.71	11.70	12.54
Georgia	10.23	10.98	11.95	11.94	12.15	11.16	11.05	11.61
Hawaii	19.82	19.40	19.31	19.13	19.97	20.63	20.34	19.55
Idaho	8.31	8.34	8.42	7.70	6.64	6.44	6.42	6.09
Illinois	8.39	9.14	10.16	10.89	11.08	9.81	9.21	9.50
Indiana	8.81	8.14	9.78	10.23	10.67	9.58	10.18	9.79
Iowa	6.74	8.47	8.13	9.67	9.14	8.34	8.50	8.50
Kansas	10.90	11.40	11.18	10.87	9.63	9.92	9.52	7.67
Kentucky	11.15	11.16	11.36	10.64	10.49	10.22	9.54	8.11
Louisiana	8.82	8.63	8.54	8.94	9.22	8.72	8.44	9.82
Maine	11.68	11.23	11.43	11.58	11.41	12.17	11.53	11.11
Maryland	7.31	7.96	7.94	8.00	8.23	8.32	8.22	8.95
Massachusetts	10.36	12.74	11.35	10.95	10.65	11.53	13.18	11.57
Michigan	7.53	8.74	8.49	8.97	8.23	7.34	6.92	6.55
Minnesota	6.69	7.37	7.47	7.43	8.61	7.27	7.29	10.22
Mississippi	6.43	6.03	6.78	7.62	7.66	7.65	7.56	NA
Missouri	9.54	10.35	10.47	10.30	10.26	9.60	8.95	8.18
Montana	8.42	9.14	9.29	9.09	7.62	6.84	6.99	6.37
Nebraska	6.49	6.80	6.78	7.13	7.18	6.46	7.48	8.09
Nevada	7.32	7.28	7.25	7.24	7.16	7.21	7.34	7.06
New Hampshire	11.77	13.01	12.03	13.23	14.09	11.39	9.73	9.26
New Jersey	5.71	5.91	6.14	9.15	8.42	13.38	7.71	9.98
New Mexico	7.13	6.96	7.69	7.88	6.94	6.76	7.68	7.25
New York	7.99	7.91	7.80	8.27	9.15	9.48	9.70	10.01
North Carolina	NA	11.06	11.33	11.27	11.18	10.73	10.13	9.41
North Dakota	6.85	8.04	7.55	8.31	8.03	7.13	6.89	8.80
Ohio	8.10	8.45	8.37	8.77	8.90	8.39	9.13	8.25
Oklahoma	9.91	9.99	9.98	10.40	9.87	9.46	8.58	7.73
Oregon	8.22	8.01	8.02	7.92	7.36	7.32	7.72	7.77
Pennsylvania	9.47	9.81	9.61	9.96	10.24	10.47	9.73	9.52
Rhode Island	11.92	13.60	12.80	10.77	11.88	10.46	10.90	9.35
South Carolina	9.65	9.81	9.86	9.87	10.25	9.91	10.73	11.37
South Dakota	6.77	7.79	7.92	8.46	8.37	7.39	7.90	7.89
Tennessee	10.19	8.49	8.99	9.32	8.74	7.93	8.77	9.61
Texas	7.65	7.58	7.21	7.51	7.88	7.59	7.89	8.68
Utah	6.54	7.15	7.09	7.13	5.54	4.98	4.76	5.57
Vermont	8.41	8.24	8.19	8.29	8.07	7.89	7.81	7.74
Virginia	9.19	10.47	10.16	11.12	10.09	10.73	9.93	11.28
Washington	8.06	7.83	8.04	7.88	7.62	7.40	6.71	6.68
West Virginia	9.19	8.56	9.37	8.92	9.26	8.76	8.44	7.39
Wisconsin	7.05	7.98	8.24	8.26	8.65	7.57	8.17	10.29
Wyoming	6.94	7.48	7.68	7.90	6.59	5.55	4.65	4.88
Total	8.17	8.34	8.35	8.68	8.88	8.73	8.76	8.96

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama	8.80	8.70	8.94	8.64	9.15	9.57	9.51	9.52
Alaska	3.77	3.39	3.41	3.28	3.11	3.05	3.55	3.51
Arizona	7.63	7.59	8.42	7.67	8.00	8.19	8.08	8.08
Arkansas	6.09	6.20	7.05	7.00	7.02	6.85	7.26	6.81
California	8.18	8.17	6.07	7.44	7.02	5.84	5.46	5.35
Colorado	4.06	4.16	4.82	4.13	4.35	4.27	5.33	5.77
Connecticut	9.57	10.08	7.18	8.64	8.41	7.75	5.13	6.32
Delaware	8.26	7.61	9.41	8.16	8.85	10.08	10.51	10.74
District of Columbia	12.13	12.71	10.30	9.95	10.54	10.05	10.81	10.36
Florida	10.15	9.56	8.17	8.92	8.69	8.25	8.55	8.29
Georgia	9.55	8.09	8.10	7.57	7.73	8.89	9.48	10.32
Hawaii	18.65	18.59	17.81	18.89	17.42	18.55	18.38	17.83
Idaho	6.05	6.03	7.73	6.11	6.58	6.71	6.77	6.85
Illinois	7.21	7.00	7.46	8.13	8.35	8.30	9.32	9.89
Indiana	7.82	7.71	6.83	7.06	6.85	6.29	7.99	8.13
Iowa	6.97	6.82	5.51	6.11	6.03	5.94	6.84	7.13
Kansas	7.29	6.80	6.51	6.43	5.85	7.01	7.08	6.92
Kentucky	7.30	7.00	7.02	6.87	7.18	7.19	7.97	8.00
Louisiana	8.30	8.08	6.79	7.85	7.99	7.41	6.76	6.36
Maine	11.01	10.13	9.55	11.29	10.53	8.24	7.74	7.56
Maryland	7.85	7.58	6.84	6.97	6.85	6.83	6.40	6.27
Massachusetts	10.76	8.80	8.81	11.11	9.66	6.45	7.39	6.87
Michigan	6.07	6.03	5.97	6.14	5.93	6.42	7.41	7.34
Minnesota	7.28	6.64	5.57	6.67	6.62	5.73	5.75	5.76
Mississippi	7.78	7.52	6.45	6.93	7.13	6.85	6.16	6.01
Missouri	7.81	7.53	7.34	7.75	7.54	7.80	8.18	8.22
Montana	6.10	5.87	5.37	5.13	4.77	4.77	5.73	5.96
Nebraska	6.58	6.13	5.11	5.99	5.62	4.97	4.90	4.73
Nevada	7.34	7.19	7.71	7.50	7.80	7.79	7.58	7.53
New Hampshire	9.04	8.92	8.51	7.66	7.56	9.04	8.14	9.14
New Jersey	8.09	7.57	6.26	7.19	7.03	7.19	6.42	6.73
New Mexico	6.28	5.75	6.19	7.30	6.81	6.70	6.88	7.02
New York	8.53	8.03	6.43	7.57	6.60	6.42	5.57	5.38
North Carolina	8.07	8.02	7.25	7.77	7.95	7.43	7.76	7.94
North Dakota	6.25	5.78	4.54	4.95	4.72	3.85	4.16	4.12
Ohio	7.89	7.14	6.45	6.85	6.83	6.80	6.70	6.83
Oklahoma	7.63	6.87	6.95	6.83	6.74	7.32	7.24	6.95
Oregon	7.74	7.76	7.86	6.93	6.91	7.71	8.30	8.26
Pennsylvania	8.92	8.29	7.75	8.15	8.13	8.26	7.76	7.68
Rhode Island	9.35	9.43	10.06	9.28	10.09	10.03	11.56	10.71
South Carolina	9.52	8.90	7.92	8.65	8.57	7.50	7.46	7.38
South Dakota	6.60	6.05	5.26	6.17	5.24	4.87	5.63	5.91
Tennessee	8.51	7.13	7.37	7.63	7.47	7.70	7.51	7.67
Texas	7.90	6.31	5.49	6.22	6.24	6.10	5.44	5.29
Utah	5.34	5.66	5.20	5.55	5.31	4.56	5.43	5.13
Vermont	7.78	7.79	8.20	7.80	7.81	8.08	8.63	8.69
Virginia	9.16	7.76	7.20	7.71	6.96	6.97	8.17	7.79
Washington	6.69	6.67	8.24	6.66	7.23	7.74	8.03	7.97
West Virginia	7.17	7.13	7.38	7.01	7.28	7.57	8.97	9.26
Wisconsin	7.66	7.30	6.11	6.94	6.97	5.45	5.80	5.77
Wyoming	4.66	4.59	5.03	3.79	4.29	4.46	5.19	5.89
Total	7.83	7.34	6.64	7.18	6.91	6.65	6.55	6.46

^R Revised Data.^{NA} Not Available.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003		
				February	January	Total	December	November
Alabama	7.43	6.76	5.77	7.36	7.49	6.66	6.68	5.91
Alaska	2.01	1.77	1.71	2.09	1.92	NA	1.84	1.95
Arizona	6.89	6.55	7.13	6.74	7.06	6.52	6.31	6.71
Arkansas	7.57	5.62	5.69	7.17	7.98	6.90	7.72	7.56
California	8.09	7.24	5.01	7.84	8.52	7.21	7.51	6.91
Colorado	NA	6.59	7.33	NA	9.05	3.89	8.04	6.95
Connecticut	NA	7.70	5.14	8.90	NA	7.23	7.23	6.31
Delaware	NA	5.65	6.32	NA	6.46	6.45	6.84	6.16
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.22	5.87	5.43	8.40	8.08	NA	7.88	7.45
Georgia	8.05	6.84	3.87	8.06	8.04	NA	6.62	6.36
Hawaii	12.23	10.76	9.51	12.37	12.10	11.82	11.93	12.17
Idaho	6.65	5.46	7.80	6.65	6.64	5.89	6.40	6.55
Illinois	7.90	6.54	4.22	8.05	7.76	7.21	7.42	6.67
Indiana	10.55	7.51	6.63	9.90	11.12	NA	NA	6.72
Iowa	6.96	6.39	4.83	6.70	7.19	6.56	7.26	6.35
Kansas	7.96	6.71	4.50	8.38	7.60	6.48	6.95	6.90
Kentucky	7.64	6.12	4.79	7.55	7.73	6.68	7.05	6.54
Louisiana	6.26	5.57	3.18	5.96	6.58	5.55	5.50	4.95
Maine	11.24	10.15	9.15	11.76	10.85	10.23	10.21	11.02
Maryland	9.87	8.52	7.27	10.81	9.16	9.57	7.49	9.56
Massachusetts	11.09	9.43	7.78	11.81	^R 10.34	NA	NA	9.49
Michigan	6.71	4.95	4.99	6.79	6.63	5.60	6.57	5.54
Minnesota	6.65	5.61	3.44	6.72	6.59	5.90	5.91	5.46
Mississippi	8.27	6.26	3.97	8.36	8.19	6.54	6.51	7.28
Missouri	8.72	7.27	5.79	8.91	8.52	8.00	8.40	8.43
Montana	8.02	4.75	2.88	8.13	7.90	NA	7.43	7.49
Nebraska	NA	5.28	3.95	6.36	NA	5.74	5.62	5.33
Nevada	8.24	8.50	7.46	8.25	8.23	8.68	8.38	8.38
New Hampshire	NA	8.33	9.41	NA	NA	9.53	10.94	10.84
New Jersey	8.26	7.02	4.34	8.55	7.92	6.83	6.51	5.47
New Mexico	7.37	5.86	4.85	7.62	7.13	6.14	5.98	6.09
New York	8.73	7.50	6.02	9.08	8.32	7.82	7.92	7.06
North Carolina	8.14	5.62	4.82	8.18	8.11	NA	7.16	6.91
North Dakota	6.09	5.00	3.17	6.58	5.69	5.60	6.22	5.16
Ohio	9.10	7.25	5.83	8.97	9.24	8.32	9.13	9.17
Oklahoma	8.56	6.82	6.64	8.33	8.83	7.44	8.00	8.44
Oregon	5.99	6.04	7.40	6.03	5.95	5.84	5.90	5.82
Pennsylvania	9.54	8.06	6.83	9.52	9.56	8.11	8.42	7.21
Rhode Island	9.04	7.27	4.59	9.01	9.08	NA	NA	8.92
South Carolina	7.74	6.88	3.71	7.60	7.88	6.96	6.94	6.17
South Dakota	6.35	4.95	4.14	6.25	6.45	5.70	6.16	5.83
Tennessee	6.47	6.95	5.37	6.43	6.51	5.83	5.83	4.93
Texas	5.60	5.43	2.66	5.40	5.79	5.39	5.05	4.49
Utah	5.93	4.31	4.86	5.92	5.94	5.03	5.74	5.51
Vermont	6.06	4.82	4.43	6.04	6.12	5.08	5.90	5.45
Virginia	NA	NA	5.37	NA	8.60	NA	6.89	5.48
Washington	NA	4.76	5.62	7.22	NA	NA	NA	NA
West Virginia	7.46	7.17	3.51	7.26	7.65	NA	6.33	5.92
Wisconsin	8.10	6.80	5.07	8.12	8.09	7.33	7.12	7.18
Wyoming	5.31	5.83	4.44	5.26	5.35	6.72	7.91	7.97
Total	6.51	5.90	3.88	6.39	^R6.63	5.78	5.77	5.15

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	October	September	August	July	June	May	April	March
Alabama	5.94	6.15	6.07	6.01	6.95	6.59	6.63	8.91
Alaska	1.91	1.87	1.87	1.95	NA	1.63	1.69	1.70
Arizona	6.27	7.15	6.53	6.68	6.25	6.48	5.97	6.82
Arkansas	7.71	7.09	7.44	7.02	7.32	7.20	6.58	6.41
California	6.95	7.19	6.95	6.94	7.04	6.67	7.87	7.77
Colorado	5.47	3.49	3.44	3.49	3.71	3.62	3.60	4.14
Connecticut	6.36	6.55	6.25	6.83	7.32	6.76	8.22	8.81
Delaware	6.03	7.36	6.79	6.46	6.87	6.80	6.80	7.24
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.09	8.25	8.36	NA	6.80	7.16	7.30	5.74
Georgia	6.14	5.84	5.88	NA	4.61	4.57	4.64	NA
Hawaii	12.29	12.15	12.14	11.82	12.19	12.35	12.15	11.35
Idaho	6.38	6.35	6.50	6.40	5.21	5.24	5.26	5.41
Illinois	6.88	7.17	7.25	8.09	8.22	6.61	7.35	8.76
Indiana	NA	6.18	8.82	9.60	10.71	8.05	10.36	11.23
Iowa	5.97	6.23	5.20	7.33	6.97	6.72	5.62	7.78
Kansas	6.36	5.71	6.00	6.50	6.91	6.40	7.86	7.50
Kentucky	6.28	6.53	6.16	6.68	6.99	6.53	6.49	8.84
Louisiana	5.01	5.11	4.88	5.54	6.10	5.36	5.38	8.03
Maine	10.12	9.14	10.29	9.96	9.83	10.77	10.80	9.98
Maryland	8.71	9.17	12.03	9.63	11.69	10.92	11.40	11.36
Massachusetts	NA	10.32	9.75	9.50	8.78	10.95	11.87	10.56
Michigan	6.12	6.74	6.81	5.42	6.65	5.81	5.59	5.47
Minnesota	5.18	5.49	5.51	6.04	6.03	5.60	5.73	8.91
Mississippi	6.56	6.76	5.91	6.03	6.60	6.03	5.51	8.68
Missouri	8.46	8.30	8.35	7.35	8.09	8.54	9.53	7.79
Montana	NA	NA	NA	6.70	5.19	4.99	4.61	5.03
Nebraska	5.44	5.56	5.78	6.21	5.47	6.23	6.16	6.80
Nevada	8.77	8.82	8.94	8.87	9.24	8.83	8.72	8.94
New Hampshire	10.02	10.76	10.74	11.56	10.71	9.30	8.51	8.38
New Jersey	6.68	5.73	5.91	7.21	6.65	4.28	8.50	8.78
New Mexico	5.93	5.56	6.18	6.69	5.93	5.72	6.81	6.96
New York	7.38	7.41	7.04	7.65	7.54	7.64	9.46	8.92
North Carolina	5.40	6.46	5.64	6.09	6.94	5.79	NA	6.63
North Dakota	4.87	4.65	5.80	5.25	5.18	5.08	5.47	8.32
Ohio	9.21	9.59	8.66	10.15	9.36	8.58	8.78	8.37
Oklahoma	7.74	8.23	7.98	7.91	7.80	9.19	7.82	6.71
Oregon	5.70	5.57	5.70	5.89	5.88	5.59	6.04	6.14
Pennsylvania	7.35	7.40	6.87	8.03	8.18	7.93	8.28	9.82
Rhode Island	9.10	8.64	8.62	7.80	8.59	7.88	8.70	7.18
South Carolina	6.17	6.51	6.34	6.93	7.59	6.61	7.00	9.87
South Dakota	5.68	5.88	5.87	5.99	5.33	5.15	5.80	6.76
Tennessee	4.97	5.08	4.71	5.28	5.48	5.17	6.05	7.56
Texas	4.48	4.98	4.96	5.45	6.43	5.39	5.13	8.35
Utah	5.27	5.56	5.49	5.71	4.96	4.48	4.38	5.08
Vermont	4.90	4.78	4.84	4.88	4.95	4.78	5.15	5.04
Virginia	4.88	6.03	4.43	6.17	6.82	6.94	6.66	9.86
Washington	6.58	6.33	6.48	6.72	6.78	5.82	6.04	5.87
West Virginia	5.73	6.03	5.76	6.32	7.20	6.36	6.96	NA
Wisconsin	6.11	6.90	6.67	7.28	7.78	6.93	7.45	10.07
Wyoming	7.73	7.27	7.32	7.24	7.27	6.05	5.65	5.88
Total	4.80	5.31	5.22	5.63	6.37	5.61	5.89	8.01

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama	6.83	6.69	5.22	5.53	5.67	4.56	4.80	4.52
Alaska	1.82	1.72	1.63	1.68	1.69	1.58	1.58	1.56
Arizona	5.71	7.37	6.49	5.91	6.09	6.04	6.35	6.32
Arkansas	5.59	5.66	5.64	6.35	5.95	5.40	5.72	5.06
California	7.18	7.36	4.93	6.00	5.81	5.02	4.46	4.30
Colorado	7.16	6.21	4.79	6.17	5.49	4.65	4.40	4.21
Connecticut	8.11	7.38	4.97	6.09	5.56	4.87	4.89	4.10
Delaware	5.88	5.40	6.16	5.53	5.84	6.34	6.68	6.47
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.19	5.46	5.35	5.91	5.30	5.40	5.29	5.17
Georgia	7.09	6.55	4.85	5.74	5.48	4.92	4.98	4.84
Hawaii	10.92	10.62	10.17	10.71	10.98	10.24	10.65	10.43
Idaho	5.37	5.56	6.90	5.01	4.35	5.56	5.54	6.06
Illinois	6.84	6.26	4.97	5.79	5.77	5.15	4.95	5.13
Indiana	8.04	7.07	5.48	5.88	5.16	4.17	4.22	4.81
Iowa	6.31	6.47	5.58	7.14	6.24	5.69	5.11	4.93
Kansas	6.58	6.90	3.61	4.65	4.83	4.07	3.46	3.31
Kentucky	6.40	5.89	4.63	5.36	5.46	4.66	4.25	3.99
Louisiana	6.00	5.17	3.70	4.46	4.42	4.02	3.97	3.31
Maine	9.95	10.32	8.44	10.02	9.77	7.61	7.45	7.60
Maryland	8.61	8.40	7.42	7.43	7.31	7.29	6.93	8.03
Massachusetts	10.02	8.87	7.35	9.52	6.87	5.83	7.53	5.57
Michigan	5.02	4.87	4.83	3.71	5.05	5.19	5.26	5.44
Minnesota	5.85	5.36	4.14	4.64	4.89	4.12	3.95	3.93
Mississippi	6.90	5.60	4.53	5.50	5.41	4.95	4.36	4.29
Missouri	7.47	7.05	6.02	6.95	6.64	6.46	6.19	6.25
Montana	4.81	4.70	2.75	2.81	2.59	2.89	3.27	3.60
Nebraska	5.45	5.11	4.25	5.08	4.87	4.23	4.08	3.92
Nevada	8.64	8.39	7.69	7.17	9.32	8.96	8.98	8.92
New Hampshire	8.26	8.39	7.38	7.08	7.36	6.15	5.57	5.98
New Jersey	7.63	6.38	4.91	6.22	5.57	5.30	4.32	4.79
New Mexico	6.10	5.60	4.29	6.29	5.39	4.05	3.84	3.83
New York	7.94	7.05	5.53	6.68	5.92	5.02	4.58	4.52
North Carolina	5.84	5.37	4.91	6.54	5.81	5.01	4.63	4.62
North Dakota	6.14	4.58	4.05	4.69	4.40	3.95	3.56	3.21
Ohio	7.58	6.88	5.67	5.97	6.05	5.67	6.00	5.33
Oklahoma	7.16	6.48	6.28	6.07	5.90	5.90	5.29	4.94
Oregon	6.20	5.88	6.98	5.90	5.83	6.20	7.33	7.19
Pennsylvania	8.05	8.08	6.29	6.58	6.73	5.67	5.40	5.55
Rhode Island	7.30	7.24	4.84	6.62	5.39	5.33	4.31	4.44
South Carolina	7.11	6.65	4.49	5.50	5.36	5.08	4.69	4.59
South Dakota	5.10	4.80	4.28	4.63	4.37	4.00	3.90	4.51
Tennessee	7.05	6.83	5.34	6.06	5.73	5.24	5.19	4.67
Texas	5.93	4.96	3.40	4.22	4.09	3.75	3.52	3.22
Utah	4.30	4.31	3.91	4.30	3.70	2.59	2.59	2.80
Vermont	4.67	4.92	4.39	4.80	4.47	4.61	4.22	4.04
Virginia	NA	6.33	4.59	6.02	4.38	3.44	3.06	3.63
Washington	4.43	5.06	4.81	5.16	4.61	3.87	4.38	4.58
West Virginia	8.18	6.32	4.20	5.12	5.11	4.59	3.97	3.98
Wisconsin	6.98	6.62	5.23	6.10	6.32	4.79	4.39	4.41
Wyoming	5.79	5.86	4.21	4.20	4.09	3.81	3.92	4.03
Total	6.27	5.54	4.02	4.92	4.72	4.18	3.89	3.62

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004
(Dollars per Thousand Cubic Feet)

State	2004	2003						
	January	Total	December	November	October	September	August	July
Alabama	NA	5.96	W	^R 4.44	W	W	5.32	W
Alaska	NA	2.28	^R 2.64	2.64	2.65	2.50	2.58	2.57
Arizona	NA	5.15	W	^R 4.82	^R 4.80	^R 5.05	^R 4.98	^R 5.26
Arkansas	NA	4.98	W	—	^R 3.86	^R 3.32	—	—
California	NA	5.46	^R 5.54	^R 4.91	^R 5.75	^R 5.20	^R 5.20	^R 5.45
Colorado	NA	4.45	^R 5.05	^R 3.08	4.47	^R 4.62	^R 4.47	^R 4.79
Connecticut	NA	W	W	—	—	—	^R 5.64	—
Delaware	NA	W	W	W	W	W	W	W
District of Columbia	NA	—	—	—	—	—	—	—
Florida	NA	6.04	^R 5.90	^R 5.35	^R 5.81	^R 5.93	^R 5.89	^R 6.16
Georgia	NA	5.76	^R 6.66	^R 5.39	^R 8.86	^R 5.14	^R 5.52	^R 5.55
Hawaii	NA	—	—	—	—	—	—	—
Idaho	NA	W	W	—	—	—	—	—
Illinois	NA	5.94	^R 5.88	^R 5.06	^R 4.99	^R 6.26	^R 5.68	^R 5.86
Indiana	NA	6.02	W	W	W	W	^R 5.97	W
Iowa	NA	W	^R 6.33	5.66	4.32	5.88	5.87	6.15
Kansas	NA	5.21	^R 5.03	4.35	4.56	4.94	4.93	5.27
Kentucky	NA	W	W	W	W	W	W	W
Louisiana	NA	5.34	W	W	W	W	W	W
Maine	NA	6.24	^R 7.03	^R 5.12	^R 5.41	—	^R 5.45	^R 5.49
Maryland	NA	6.71	W	—	—	—	^R 6.52	^R 6.15
Massachusetts	NA	5.55	^R 6.51	^R 4.82	^R 5.00	^R 4.97	^R 4.94	^R 5.45
Michigan	NA	3.97	W	W	^R 3.43	^R 3.55	^R 4.45	W
Minnesota	NA	W	W	W	W	W	W	W
Mississippi	NA	5.34	^R 6.66	^R 4.68	^R 5.14	^R 5.03	^R 5.37	W
Missouri	NA	W	W	W	4.71	W	W	W
Montana	NA	W	^R 8.95	W	W	6.41	W	W
Nebraska	NA	6.28	^R 5.91	4.65	5.01	5.45	5.38	6.36
Nevada	NA	5.31	^R 5.70	^R 4.91	^R 5.22	^R 5.16	^R 5.43	^R 5.68
New Hampshire	NA	—	—	—	—	—	—	—
New Jersey	NA	6.62	^R 6.97	^R 6.03	^R 5.75	^R 6.00	^R 5.83	^R 6.28
New Mexico	NA	W	W	W	W	W	W	W
New York	NA	6.17	^R 5.74	^R 5.25	^R 5.37	^R 5.55	^R 5.71	^R 5.91
North Carolina	NA	W	W	W	W	^R 4.87	^R 5.29	^R 5.34
North Dakota	NA	7.55	—	—	—	7.33	9.50	—
Ohio	NA	6.05	^R 13.72	^R 6.25	W	W	^R 5.88	W
Oklahoma	NA	5.60	^R 5.91	W	W	W	^R 5.23	^R 5.53
Oregon	NA	4.55	W	^R 4.45	^R 4.62	4.68	^R 4.79	^R 4.59
Pennsylvania	NA	5.63	^R 7.30	^R 4.51	^R 4.84	^R 4.40	^R 5.34	^R 5.33
Rhode Island	NA	W	W	—	—	^R 5.57	^R 6.22	—
South Carolina	NA	W	W	—	—	—	—	—
South Dakota	NA	—	—	—	—	—	—	—
Tennessee	NA	—	—	—	—	—	—	—
Texas	NA	5.37	^R 4.73	^R 4.44	^R 4.58	^R 4.87	^R 4.99	^R 5.25
Utah	NA	W	—	—	3.52	W	W	W
Vermont	NA	—	—	—	—	—	—	—
Virginia	NA	W	W	W	W	W	W	W
Washington	NA	3.59	W	^R 3.84	^R 3.28	^R 3.59	^R 3.41	^R 3.95
West Virginia	NA	10.40	^R 7.35	^R 6.16	^R 5.87	^R 5.60	^R 6.05	^R 6.14
Wisconsin	NA	5.47	W	W	^R 5.14	^R 5.39	^R 5.28	^R 5.62
Wyoming	NA	3.39	^R 1.28	4.63	3.17	3.80	3.91	1.90
Total	NA	4.73	^R4.34	^R4.11	^R4.54	^R4.50	^R4.77	^R4.75

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003						2002	
	June	May	April	March	February	January	Total	December
Alabama	W	W	R6.39	R7.20	W	W	R3.57	W
Alaska	2.07	2.08	2.11	2.02	2.03	2.02	W	1.98
Arizona	R5.69	R5.17	R4.11	R6.12	W	W	R3.26	R4.55
Arkansas	—	R4.44	—	R7.27	R6.42	R6.05	R3.59	W
California	R5.33	R5.26	R5.23	R6.78	R5.79	R5.12	R3.82	R4.93
Colorado	R5.34	R4.43	R3.48	R4.73	R3.59	R5.15	R2.53	R3.25
Connecticut	—	—	—	R9.26	R9.29	—	R3.98	W
Delaware	W	W	W	W	W	W	W	W
District of Columbia	—	—	—	—	—	—	—	—
Florida	R6.69	R6.14	R6.09	R7.98	R6.35	R4.72	R4.14	R5.57
Georgia	R6.21	R6.47	R5.97	—	R8.90	R6.50	R3.73	R5.07
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	W	W
Illinois	R6.55	R6.52	R6.87	R7.93	R6.87	R4.28	R3.45	R5.64
Indiana	R6.31	W	W	W	R4.71	W	R3.28	W
Iowa	6.63	W	W	W	W	W	3.87	4.89
Kansas	5.76	5.11	4.95	8.76	6.47	5.07	3.11	4.22
Kentucky	W	W	W	W	W	6.10	R3.60	5.24
Louisiana	W	W	R5.34	W	W	W	R3.63	W
Maine	—	—	R5.96	R7.30	R8.46	R7.02	R4.09	R6.42
Maryland	R5.99	R4.96	R5.46	R10.64	—	R9.79	R4.31	R5.75
Massachusetts	R5.74	R5.89	R5.67	R6.78	R6.72	R5.39	R3.60	R5.03
Michigan	W	R4.21	W	W	W	W	R3.55	R3.74
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	R3.57	W
Missouri	W	W	W	W	W	W	W	W
Montana	W	W	W	W	6.12	W	R3.95	6.12
Nebraska	6.72	6.97	5.91	8.49	7.05	6.48	4.17	5.24
Nevada	R6.20	R5.55	R5.16	R5.36	R4.61	R4.48	R4.53	R4.28
New Hampshire	—	—	—	—	—	—	4.08	6.51
New Jersey	R6.94	R6.56	R6.21	R10.25	R6.72	R6.96	R4.19	R5.24
New Mexico	W	W	W	W	W	W	W	W
New York	R5.87	R6.22	R6.11	R8.68	R7.33	R6.28	R4.06	R5.21
North Carolina	W	W	W	—	—	W	R3.52	W
North Dakota	7.56	—	—	—	—	7.50	—	—
Ohio	W	R6.08	W	W	W	W	R3.78	W
Oklahoma	R6.10	W	W	W	W	W	R3.55	R4.82
Oregon	W	W	W	W	W	R4.28	R3.39	R4.01
Pennsylvania	R5.45	R5.10	R5.74	R7.38	R8.30	R7.40	R3.97	R5.92
Rhode Island	R7.08	R6.85	—	R10.41	R9.20	—	R4.70	W
South Carolina	—	—	—	—	—	W	W	W
South Dakota	—	—	—	—	—	—	W	—
Tennessee	—	—	—	—	—	—	W	W
Texas	R5.95	R5.63	R5.13	R7.18	R6.63	R5.04	R3.41	R4.28
Utah	W	W	4.16	W	—	—	W	—
Vermont	—	—	—	—	—	—	—	—
Virginia	W	W	W	W	W	W	R4.30	W
Washington	—	—	—	—	—	R3.66	W	R4.32
West Virginia	R7.21	R6.40	R56.30	R15.51	W	W	R4.17	R6.82
Wisconsin	R6.35	W	W	W	W	W	R3.51	R4.83
Wyoming	3.00	3.27	3.86	3.32	—	—	4.38	21.17
Total	R5.11	R4.82	R4.57	R6.08	R5.03	R4.13	R3.68	R4.72

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	November	October	September	August	July	June	May	April
Alabama	W	W	W	W	W	W	W	W
Alaska	2.02	2.02	2.11	2.12	2.12	2.40	2.38	2.46
Arizona	^R 3.75	^R 3.57	^R 3.10	^R 2.97	^R 3.08	^R 2.94	^R 3.00	^R 3.31
Arkansas	W	^R 4.14	^R 3.49	W	W	W	W	W
California	^R 4.52	^R 4.22	^R 3.75	^R 3.48	^R 3.51	^R 3.55	^R 3.84	^R 4.01
Colorado	^R 3.01	^R 2.36	^R 2.06	^R 2.22	^R 1.91	^R 2.11	^R 2.71	^R 2.91
Connecticut	W	^R 4.49	^R 4.02	^R 3.59	^R 3.71	^R 4.07	^R 4.05	^R 4.17
Delaware	W	W	W	W	W	W	W	W
District of Columbia	—	—	—	—	—	—	—	—
Florida	^R 4.55	^R 4.79	^R 4.12	^R 3.88	^R 3.95	^R 4.05	^R 4.21	^R 4.17
Georgia	^R 4.10	^R 4.47	^R 3.84	^R 3.48	^R 3.40	^R 3.68	^R 4.07	3.86
Hawaii	—	—	—	—	—	—	—	—
Idaho	W	W	W	W	W	W	W	W
Illinois	^R 4.76	^R 4.05	^R 3.81	^R 3.44	^R 3.23	^R 3.62	^R 3.86	^R 3.36
Indiana	W	W	^R 3.46	^R 3.22	^R 3.23	^R 3.38	^R 3.82	^R 3.53
Iowa	5.15	4.52	3.78	3.28	3.73	3.89	4.20	4.34
Kansas	4.17	3.38	3.09	2.97	3.04	3.24	3.39	3.45
Kentucky	4.91	4.91	W	W	W	W	W	W
Louisiana	W	W	W	^R 3.34	^R 3.49	^R 3.61	W	W
Maine	^R 4.87	^R 4.71	^R 4.21	^R 3.69	^R 3.46	^R 3.78	^R 4.05	^R 3.89
Maryland	^R 4.52	^R 4.72	^R 3.93	^R 3.97	^R 3.81	^R 4.11	^R 4.16	^R 4.11
Massachusetts	^R 4.23	^R 3.86	^R 3.72	^R 3.44	^R 3.43	^R 3.41	^R 3.51	^R 3.32
Michigan	^R 3.69	^R 3.65	^R 3.68	^R 3.42	^R 3.49	^R 3.67	^R 3.49	^R 3.60
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	^R 4.25	^R 3.71	3.32	^R 3.33	^R 3.53	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	5.21	3.84	W	W	W	W	W	W
Nebraska	4.45	4.07	4.01	3.80	3.12	3.93	4.47	3.65
Nevada	^R 4.48	^R 4.33	^R 4.56	^R 3.93	^R 3.87	^R 4.38	^R 4.59	^R 5.17
New Hampshire	—	4.42	3.87	3.58	3.38	3.39	3.81	3.97
New Jersey	^R 5.22	^R 4.79	^R 4.07	^R 3.91	^R 4.15	^R 4.28	^R 4.08	^R 4.47
New Mexico	W	W	W	W	W	W	W	W
New York	^R 4.94	^R 4.69	^R 4.18	^R 3.87	^R 3.92	^R 4.02	^R 4.14	^R 4.16
North Carolina	W	^R 4.37	W	^R 3.47	^R 3.41	^R 3.40	W	^R 3.64
North Dakota	—	2.00	—	—	2.14	—	—	—
Ohio	^R 6.33	^R 4.87	^R 4.33	^R 3.61	^R 3.44	^R 3.79	^R 4.41	^R 4.04
Oklahoma	W	W	W	W	W	W	W	W
Oregon	^R 3.74	^R 3.69	^R 3.07	^R 2.69	W	W	W	W
Pennsylvania	^R 5.01	^R 4.75	^R 4.06	^R 3.71	^R 3.68	^R 3.84	^R 4.33	^R 3.88
Rhode Island	W	^R 4.86	^R 4.50	^R 4.20	^R 4.70	^R 5.06	^R 4.98	^R 4.44
South Carolina	W	W	W	W	W	W	W	W
South Dakota	—	—	—	—	—	—	—	—
Tennessee	W	W	W	W	W	W	W	W
Texas	^R 4.09	^R 3.95	^R 3.49	^R 3.21	^R 3.37	^R 3.39	^R 3.52	^R 3.57
Utah	W	W	W	W	W	5.13	W	W
Vermont	4.86	4.39	—	—	—	—	—	—
Virginia	W	W	^R 4.26	^R 3.77	^R 3.74	W	W	W
Washington	^R 3.74	^R 3.53	^R 2.95	^R 2.61	W	W	W	W
West Virginia	^R 6.80	^R 4.92	^R 4.00	4.18	^R 3.69	^R 4.79	^R 4.44	^R 4.29
Wisconsin	W	W	^R 3.69	^R 3.14	^R 3.35	^R 3.73	^R 3.83	^R 3.55
Wyoming	5.84	2.21	2.22	2.89	2.85	—	—	3.91
Total	^R4.35	^R4.19	^R3.71	^R3.42	^R3.49	^R3.61	^R3.78	^R3.80

^a The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

W Withheld.

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004

State	YTD 2004		YTD 2003		YTD 2002		2004	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	February	
							Commercial	Industrial
Alabama	83.1	18.2	82.9	15.4	82.5	23.4	83.3	18.5
Alaska	52.3	92.2	55.7	98.9	56.1	99.2	50.4	88.8
Arizona	94.2	47.4	92.3	34.9	95.3	55.0	93.7	50.7
Arkansas	86.3	5.8	86.6	5.7	88.1	6.1	86.8	6.0
California	69.1	6.2	NA	5.9	70.6	8.6	68.6	7.8
Colorado	98.3	NA	99.9	—	92.7	0.1	96.8	NA
Connecticut	72.5	NA	67.5	49.4	72.2	46.2	73.1	47.7
Delaware	NA	NA	NA	11.6	87.9	19.0	NA	NA
District of Columbia	27.2	—	34.7	—	23.9	—	27.0	—
Florida	39.6	2.1	41.8	NA	48.6	3.6	40.3	1.9
Georgia	100.0	6.4	100.0	5.7	100.0	20.4	100.0	6.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	89.0	3.1	87.7	2.3	86.0	2.8	88.9	3.0
Illinois	44.3	11.9	46.0	12.3	43.8	11.2	44.9	11.3
Indiana	82.3	8.3	83.3	12.5	78.2	8.3	82.5	8.2
Iowa	78.1	7.7	80.0	8.0	83.3	7.0	76.9	7.1
Kansas	59.1	1.9	61.8	1.7	64.1	5.1	62.4	2.0
Kentucky	80.6	14.9	80.8	17.7	82.9	17.8	81.5	14.7
Louisiana	98.2	16.4	98.8	13.3	98.7	13.3	98.2	17.0
Maine	75.6	11.1	75.6	9.9	61.8	21.0	75.2	10.2
Maryland	100.0	13.2	100.0	11.3	100.0	10.8	100.0	13.5
Massachusetts	77.4	47.7	68.3	51.2	61.4	27.1	76.5	47.3
Michigan	71.8	14.6	68.1	14.7	68.3	13.8	72.3	15.3
Minnesota	94.7	38.5	95.1	44.8	93.3	37.8	94.7	36.6
Mississippi	97.3	25.3	96.4	25.4	97.6	28.6	97.3	24.1
Missouri	82.0	16.6	84.2	16.8	85.1	24.2	83.5	17.8
Montana	83.0	2.1	79.1	3.4	73.9	2.9	84.1	2.4
Nebraska	70.7	18.0	67.0	24.1	67.8	21.1	69.3	18.8
Nevada	74.5	23.2	75.7	27.3	88.0	52.3	74.2	24.3
New Hampshire	NA	NA	NA	NA	82.3	13.4	NA	NA
New Jersey	60.1	21.7	58.0	23.9	59.6	22.9	61.2	23.2
New Mexico	67.3	7.5	72.6	4.0	76.4	9.3	67.2	7.2
New York	100.0	15.4	100.0	15.6	100.0	12.1	100.0	16.4
North Carolina	93.0	32.2	93.2	39.1	92.8	29.0	90.5	28.8
North Dakota	94.7	18.7	97.7	46.4	94.9	10.2	94.2	14.6
Ohio	100.0	5.1	100.0	4.8	100.0	5.7	100.0	5.5
Oklahoma	68.9	2.4	78.1	3.9	76.8	5.6	68.8	2.8
Oregon	99.0	24.7	98.5	14.0	96.8	19.8	98.8	24.4
Pennsylvania	100.0	7.5	100.0	8.5	100.0	8.6	100.0	7.8
Rhode Island	75.6	18.1	70.7	18.5	69.1	27.3	79.3	19.7
South Carolina	96.8	78.5	97.3	81.1	98.1	86.5	96.9	77.9
South Dakota	86.0	28.7	85.0	25.3	85.3	48.7	85.0	28.5
Tennessee	94.1	34.2	93.2	29.0	95.4	37.6	94.4	34.8
Texas	88.4	48.0	87.3	41.1	90.1	30.7	89.0	49.2
Utah	87.2	14.5	89.3	14.6	86.6	13.9	87.0	15.2
Vermont	100.0	83.1	100.0	91.7	100.0	78.0	100.0	84.7
Virginia	71.8	NA	69.8	NA	64.3	18.2	70.9	NA
Washington	NA	NA	89.6	26.6	85.6	27.1	89.8	21.4
West Virginia	69.4	10.4	73.4	13.5	65.5	12.3	69.3	10.3
Wisconsin	84.3	20.1	79.6	25.6	81.7	24.5	83.9	18.9
Wyoming	48.8	1.9	50.5	2.8	86.0	2.4	48.9	1.9
Total	80.7	22.5	79.4	21.5	81.0	20.3	80.8	23.1

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2004		2003					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	83.0	18.0	77.7	15.0	75.3	16.1	69.0	15.3
Alaska	53.5	96.6	NA	NA	57.3	NA	63.2	100.0
Arizona	94.7	44.2	91.9	37.1	93.8	44.3	92.1	41.7
Arkansas	85.8	5.7	81.9	5.4	85.0	6.2	80.3	6.2
California	69.5	4.5	NA	5.5	71.9	7.0	71.2	5.9
Colorado	99.7	—	98.9	0.5	97.0	0.1	99.8	0.3
Connecticut	71.9	NA	68.5	51.0	74.4	59.6	70.1	60.8
Delaware	90.1	9.7	NA	13.2	87.5	13.1	82.9	11.8
District of Columbia	27.4	—	30.9	—	31.1	—	29.9	—
Florida	39.0	2.2	35.4	NA	35.7	1.6	32.7	1.9
Georgia	100.0	6.7	100.0	6.7	100.0	6.3	100.0	5.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	89.0	3.2	85.3	2.1	88.0	3.2	82.5	2.4
Illinois	43.7	12.6	42.4	9.1	44.5	9.8	39.2	9.6
Indiana	82.2	8.5	78.9	NA	81.1	NA	75.7	10.3
Iowa	79.2	8.3	77.3	6.6	78.2	7.6	76.5	8.9
Kansas	55.7	^R 1.9	57.7	3.9	59.1	1.9	44.5	2.5
Kentucky	79.9	15.1	75.1	16.6	78.6	16.0	75.1	15.6
Louisiana	98.2	15.8	98.7	14.2	97.7	15.3	98.4	17.2
Maine	75.9	11.9	NA	NA	NA	14.4	NA	8.0
Maryland	100.0	13.1	100.0	9.4	100.0	12.2	100.0	11.3
Massachusetts	^R 78.3	^R 48.0	NA	NA	NA	NA	NA	16.4
Michigan	71.3	14.0	64.3	10.7	69.9	14.1	66.2	9.4
Minnesota	94.7	40.3	92.4	42.4	93.0	43.4	93.4	45.7
Mississippi	97.2	26.5	NA	24.1	96.7	25.6	95.8	18.8
Missouri	80.5	15.5	78.8	12.5	78.1	14.3	68.3	11.1
Montana	82.2	1.8	76.9	NA	90.7	1.6	89.7	1.2
Nebraska	72.4	17.3	64.4	18.6	69.3	21.9	69.2	18.7
Nevada	74.8	22.1	68.2	19.4	72.0	22.0	66.7	24.2
New Hampshire	NA	NA	NA	NA	NA	NA	64.2	17.0
New Jersey	59.1	20.2	NA	NA	63.6	20.0	60.1	14.2
New Mexico	67.4	7.7	67.5	7.7	69.2	5.1	66.7	6.6
New York	100.0	14.5	100.0	14.8	100.0	13.7	100.0	14.9
North Carolina	95.3	35.5	NA	NA	NA	24.1	72.5	21.2
North Dakota	95.1	24.6	93.1	NA	94.3	NA	93.9	28.0
Ohio	100.0	4.8	100.0	2.9	100.0	3.4	100.0	2.4
Oklahoma	69.1	2.0	71.1	2.6	74.9	2.3	64.8	1.5
Oregon	99.1	25.1	98.4	17.5	98.8	25.3	98.8	24.4
Pennsylvania	100.0	7.2	100.0	6.7	100.0	6.6	100.0	5.9
Rhode Island	71.5	16.5	73.6	17.7	92.2	—	67.7	18.5
South Carolina	96.6	79.1	96.5	80.2	96.3	77.7	94.8	78.6
South Dakota	87.0	29.0	82.3	25.5	82.5	29.1	84.6	26.8
Tennessee	93.8	33.6	88.9	30.1	91.1	36.7	85.5	34.1
Texas	87.8	46.9	87.8	45.9	92.2	50.4	88.8	47.8
Utah	87.3	13.8	84.9	13.6	86.0	13.1	83.5	13.3
Vermont	100.0	79.9	100.0	78.4	100.0	79.7	100.0	76.9
Virginia	72.5	19.9	60.8	NA	63.3	13.5	58.0	14.3
Washington	NA	NA	^R 88.1	NA	^R 90.5	NA	^R 90.0	NA
West Virginia	69.5	10.5	60.9	NA	66.5	NA	57.0	14.2
Wisconsin	84.6	21.1	78.1	18.9	82.5	24.7	79.3	20.0
Wyoming	48.8	2.0	^R 50.2	2.1	^R 50.0	2.3	56.2	2.6
Total	80.5	^R22.1	77.3	22.3	^R80.0	23.2	^R77.2	22.3

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	68.5	14.1	69.7	14.0	77.2	12.8	75.9	16.0
Alaska	NA	82.3	67.2	70.6	71.3	70.2	70.3	75.7
Arizona	91.6	42.2	92.1	41.9	91.1	36.0	90.3	35.0
Arkansas	75.9	6.6	72.8	6.0	73.5	5.3	73.6	4.5
California	58.9	4.6	64.0	4.8	70.9	5.3	59.5	4.4
Colorado	95.8	0.5	96.8	1.6	96.8	1.8	99.9	1.1
Connecticut	63.6	49.5	67.8	50.7	76.0	44.3	70.4	45.4
Delaware	73.5	18.2	78.8	10.5	77.5	9.5	76.3	13.6
District of Columbia	25.4	—	23.0	—	18.7	—	18.8	—
Florida	31.3	NA	33.9	NA	31.6	1.1	32.2	NA
Georgia	100.0	5.2	100.0	4.7	100.0	4.3	100.0	3.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	74.1	2.0	78.1	1.8	78.4	2.2	80.2	2.0
Illinois	37.8	8.4	36.7	4.8	33.8	7.0	33.2	5.2
Indiana	72.7	NA	68.8	8.4	73.8	5.2	65.3	5.6
Iowa	71.8	7.3	71.4	5.3	68.8	4.7	71.6	4.5
Kansas	45.2	2.6	44.6	4.8	44.5	10.4	44.2	6.5
Kentucky	69.1	17.1	71.2	15.6	69.4	13.8	71.0	14.3
Louisiana	98.9	14.9	99.1	14.2	99.0	13.6	99.1	12.5
Maine	57.1	NA	51.1	7.7	54.8	8.7	47.0	6.6
Maryland	100.0	11.4	100.0	6.7	100.0	5.8	100.0	6.0
Massachusetts	31.3	NA	39.3	NA	37.7	NA	60.0	13.5
Michigan	58.5	6.8	46.0	6.5	49.1	3.9	45.4	6.2
Minnesota	90.6	43.6	83.4	48.5	91.5	39.7	78.8	36.2
Mississippi	93.3	20.0	93.2	22.2	92.7	22.9	93.6	27.2
Missouri	64.7	9.3	67.9	8.7	63.2	7.3	73.7	10.5
Montana	82.6	NA	85.8	NA	59.5	NA	59.6	1.0
Nebraska	62.8	17.8	64.6	12.5	54.3	11.1	64.5	10.0
Nevada	61.0	16.0	56.5	12.6	62.3	12.1	59.4	13.8
New Hampshire	48.7	12.3	40.4	10.5	45.6	9.7	45.4	10.3
New Jersey	NA	NA	43.3	14.5	36.7	18.8	26.6	16.7
New Mexico	64.3	8.0	60.2	9.1	60.7	15.3	61.8	11.4
New York	100.0	8.9	100.0	12.1	100.0	17.4	100.0	15.4
North Carolina	NA	NA	87.2	31.1	87.5	32.2	89.4	32.6
North Dakota	90.0	24.7	89.5	39.9	88.5	13.1	85.8	28.7
Ohio	100.0	1.8	100.0	1.1	100.0	1.3	100.0	1.5
Oklahoma	58.0	1.5	54.5	0.4	54.6	1.4	54.7	2.4
Oregon	98.2	21.1	98.2	19.2	97.7	15.6	97.8	15.5
Pennsylvania	100.0	5.5	100.0	5.3	100.0	5.1	100.0	5.5
Rhode Island	65.5	22.1	69.2	18.6	75.0	18.8	77.1	16.8
South Carolina	95.8	78.8	96.1	80.1	96.4	79.1	96.4	80.5
South Dakota	76.4	24.8	72.4	25.3	67.4	23.3	72.4	24.7
Tennessee	84.2	34.2	82.0	32.9	79.0	30.5	79.4	28.9
Texas	89.6	49.0	88.7	50.6	90.6	49.3	88.7	54.2
Utah	78.7	13.9	77.1	13.9	71.6	12.7	72.6	11.9
Vermont	100.0	72.7	100.0	69.8	100.0	67.2	100.0	74.5
Virginia	52.7	14.2	44.5	9.9	44.5	15.9	45.9	10.5
Washington	85.4	18.9	83.7	17.5	82.3	15.3	82.7	13.6
West Virginia	52.2	12.9	38.8	14.7	33.5	13.4	39.4	NA
Wisconsin	76.0	16.6	66.2	11.4	65.2	10.9	65.4	9.9
Wyoming	54.5	1.7	53.7	1.6	48.9	1.5	42.0	1.7
Total	73.0	23.3	72.4	23.1	73.4	23.6	71.2	25.7

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.8	14.4	74.0	14.1	76.3	14.9	80.6	16.8
Alaska	NA	NA	58.5	76.1	56.9	87.4	53.5	89.6
Arizona	91.7	33.1	91.6	33.5	90.6	33.5	91.2	33.4
Arkansas	72.0	3.8	75.9	4.0	79.9	4.6	85.5	5.8
California	66.9	5.1	67.3	5.6	64.7	6.5	64.4	5.5
Colorado	99.8	0.5	99.4	0.5	99.7	0.7	99.8	0.2
Connecticut	67.1	47.7	64.8	48.9	66.8	51.0	66.9	52.8
Delaware	80.4	11.1	83.6	18.2	86.4	20.4	90.0	13.8
District of Columbia	26.9	—	29.0	—	29.3	—	42.8	—
Florida	32.8	2.0	34.4	1.9	34.8	2.2	37.4	2.4
Georgia	100.0	6.8	100.0	7.4	100.0	7.4	100.0	17.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	82.5	1.6	85.4	1.7	85.8	1.8	88.3	2.1
Illinois	34.4	6.3	31.9	7.3	41.2	8.4	47.4	11.9
Indiana	68.4	5.3	72.4	6.3	75.2	6.5	81.5	8.0
Iowa	72.7	5.0	71.7	4.3	76.1	5.6	79.8	7.7
Kansas	54.1	3.6	54.6	5.3	59.3	3.6	65.8	2.0
Kentucky	72.6	17.6	70.8	16.6	60.0	18.4	71.3	17.4
Louisiana	98.9	14.5	99.0	14.6	98.9	14.4	98.7	12.8
Maine	61.0	7.9	50.2	10.3	71.7	9.0	74.7	9.8
Maryland	100.0	6.2	100.0	6.7	100.0	8.6	100.0	10.8
Massachusetts	30.9	29.6	62.8	23.7	54.1	43.8	63.2	46.0
Michigan	50.2	5.8	59.7	8.7	65.5	11.7	66.3	14.9
Minnesota	90.5	40.7	81.3	40.8	87.5	37.6	99.1	40.2
Mississippi	93.8	26.9	93.7	22.5	94.5	24.7	NA	26.9
Missouri	68.9	10.4	74.6	10.2	79.8	11.5	85.5	16.2
Montana	58.3	1.0	64.0	1.8	65.3	2.1	75.3	3.3
Nebraska	55.7	27.0	55.1	19.3	58.6	21.8	64.8	27.8
Nevada	62.9	13.4	64.6	15.0	69.0	23.1	71.0	20.6
New Hampshire	44.4	10.7	73.8	8.3	81.9	13.5	85.0	15.5
New Jersey	42.2	19.5	26.3	25.8	60.5	28.8	61.5	28.0
New Mexico	59.4	8.7	58.6	9.3	65.4	7.5	70.8	5.5
New York	100.0	17.6	100.0	14.9	100.0	15.1	100.0	16.2
North Carolina	93.2	30.1	89.5	30.5	90.9	NA	95.4	43.0
North Dakota	81.5	48.5	88.0	45.9	65.9	45.4	97.1	38.5
Ohio	100.0	1.9	100.0	1.5	100.0	3.1	100.0	4.3
Oklahoma	62.6	3.0	62.4	1.4	66.2	2.5	76.3	6.3
Oregon	97.6	16.1	98.0	16.1	98.2	12.7	98.5	13.8
Pennsylvania	100.0	5.5	100.0	5.8	100.0	7.4	100.0	8.8
Rhode Island	63.5	11.7	76.0	26.7	71.4	19.6	77.2	21.5
South Carolina	96.7	83.2	96.8	83.3	96.0	81.0	96.8	77.7
South Dakota	76.6	22.4	81.8	23.9	80.5	26.0	85.9	27.3
Tennessee	81.4	24.7	84.6	25.9	87.8	27.5	92.1	30.1
Texas	86.4	40.0	85.7	41.5	83.0	41.1	86.1	40.6
Utah	78.7	13.2	80.9	14.1	87.5	14.9	88.5	13.1
Vermont	100.0	71.9	100.0	73.7	100.0	75.3	100.0	100.0
Virginia	56.3	6.9	55.6	10.0	57.8	19.6	64.5	13.0
Washington	83.8	15.1	85.9	18.5	88.6	19.5	89.7	25.5
West Virginia	35.9	14.1	44.9	13.6	58.1	14.7	70.3	NA
Wisconsin	70.1	10.8	75.6	14.2	79.4	17.6	78.9	24.4
Wyoming	52.9	1.6	47.6	1.6	46.5	2.1	46.8	2.5
Total	72.4	20.0	73.5	20.5	76.6	21.2	80.0	21.4

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003				2002			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	85.6	15.5	80.3	15.3	80.4	21.7	82.3	23.7
Alaska	52.9	99.1	57.9	98.6	60.0	90.2	68.3	99.6
Arizona	91.3	35.7	93.1	34.3	92.8	41.2	91.0	33.0
Arkansas	86.4	6.0	86.7	5.4	80.8	5.0	82.4	4.9
California	NA	8.0	NA	3.7	68.6	7.7	73.0	8.1
Colorado	99.9	—	99.9	—	95.3	1.2	96.9	0.6
Connecticut	65.6	47.4	69.3	51.1	72.4	48.9	70.8	54.2
Delaware	91.2	13.8	NA	9.9	82.8	13.4	86.8	10.3
District of Columbia	38.7	—	30.8	—	23.5	—	27.3	—
Florida	40.2	NA	43.5	NA	42.3	3.3	41.8	3.8
Georgia	100.0	6.3	100.0	5.2	100.0	19.2	100.0	19.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	87.6	2.5	87.9	2.2	85.9	2.1	91.1	2.3
Illinois	46.5	12.3	45.5	12.4	40.9	9.3	46.3	12.6
Indiana	81.9	12.0	84.5	13.0	78.4	8.6	85.6	12.4
Iowa	79.3	7.4	80.8	8.6	81.4	7.6	83.5	10.2
Kansas	63.3	2.1	60.3	1.3	58.9	10.9	59.2	4.3
Kentucky	81.3	17.5	80.4	17.9	78.9	18.0	81.2	18.7
Louisiana	98.9	14.1	98.6	12.7	99.0	13.3	98.7	14.7
Maine	77.7	10.4	73.8	9.4	61.6	10.7	71.9	6.8
Maryland	100.0	12.6	100.0	10.0	100.0	8.0	100.0	11.9
Massachusetts	68.7	59.1	^R 67.8	^R 45.5	57.4	20.1	65.4	28.6
Michigan	68.2	14.3	68.0	15.1	63.3	10.2	64.5	17.6
Minnesota	95.6	44.2	94.7	45.3	90.7	40.1	93.6	48.2
Mississippi	96.9	28.6	95.8	22.8	96.7	25.9	97.2	25.2
Missouri	85.4	18.0	82.9	15.7	80.1	16.1	83.0	18.8
Montana	74.0	2.8	84.3	4.2	75.1	2.1	81.7	3.4
Nebraska	66.7	25.5	67.3	22.9	63.7	15.7	67.9	19.6
Nevada	76.6	29.2	74.9	25.9	78.5	34.3	72.5	28.8
New Hampshire	NA	NA	NA	NA	80.6	12.3	88.8	17.4
New Jersey	58.8	24.9	57.2	22.9	49.1	20.8	52.7	26.0
New Mexico	72.1	4.2	73.0	3.8	68.8	14.1	72.1	13.4
New York	100.0	15.7	100.0	15.5	100.0	11.0	100.0	11.2
North Carolina	93.5	40.5	92.9	37.6	90.8	39.2	93.2	38.9
North Dakota	98.2	34.3	97.2	53.2	91.6	9.2	95.1	13.2
Ohio	100.0	5.2	100.0	4.4	100.0	3.9	100.0	6.7
Oklahoma	77.1	4.3	79.1	3.6	71.0	3.3	75.1	3.8
Oregon	98.5	14.2	98.6	13.7	98.7	14.5	99.6	12.8
Pennsylvania	100.0	8.5	100.0	8.6	100.0	7.3	100.0	11.4
Rhode Island	74.2	19.0	67.2	18.2	65.9	27.3	69.7	27.3
South Carolina	97.4	81.2	97.2	81.1	98.5	85.2	98.8	79.7
South Dakota	83.4	24.4	86.6	26.3	83.1	52.2	83.9	70.8
Tennessee	93.5	31.0	92.9	26.9	90.9	36.0	93.4	38.2
Texas	86.8	41.1	87.8	41.1	87.2	42.3	86.1	44.0
Utah	89.5	14.6	89.1	14.6	83.7	13.6	88.1	13.7
Vermont	100.0	100.0	100.0	87.0	100.0	74.8	100.0	85.5
Virginia	67.9	NA	71.4	20.7	61.4	15.3	70.0	22.9
Washington	89.7	26.9	89.5	26.3	89.8	27.5	92.0	26.9
West Virginia	74.3	12.7	72.6	14.4	57.4	12.7	69.9	10.4
Wisconsin	79.6	25.7	79.7	25.4	75.9	21.4	80.6	28.9
Wyoming	52.6	2.9	48.4	2.7	73.0	2.0	47.6	1.7
Total	79.6	21.8	79.1	^R21.2	78.4	22.5	80.7	23.0

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2002							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	74.4	24.4	73.6	21.6	76.4	20.2	75.7	21.6
Alaska	66.6	96.3	63.4	99.4	55.0	86.9	57.6	78.4
Arizona	90.2	32.9	88.9	33.1	92.1	36.7	91.3	34.9
Arkansas	79.3	4.8	71.2	5.0	73.3	3.8	73.8	3.8
California	68.6	7.2	69.3	7.7	67.6	6.7	62.8	6.9
Colorado	96.9	0.6	96.1	0.6	96.3	1.7	96.0	3.1
Connecticut	74.8	49.1	66.1	52.2	73.1	53.9	75.6	49.3
Delaware	82.4	10.6	70.2	8.6	70.3	8.0	66.5	9.9
District of Columbia	28.4	—	24.2	—	17.5	—	18.1	—
Florida	38.7	3.2	39.1	2.9	37.5	3.3	38.2	3.0
Georgia	100.0	19.4	100.0	18.2	100.0	18.5	100.0	17.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	90.1	1.3	83.5	1.6	85.9	1.4	87.3	2.0
Illinois	41.6	10.7	39.1	9.4	30.0	6.6	28.8	5.4
Indiana	78.9	12.6	74.5	12.5	66.2	6.6	67.3	5.9
Iowa	89.2	12.8	89.9	10.4	53.0	5.6	72.4	5.2
Kansas	55.4	4.3	41.8	5.8	51.6	11.7	49.3	18.7
Kentucky	79.2	19.1	74.3	18.3	71.4	16.6	74.4	19.5
Louisiana	98.6	13.3	99.2	12.6	99.3	12.8	99.3	13.0
Maine	69.8	5.7	70.4	4.8	36.7	100.0	72.1	5.4
Maryland	100.0	7.1	100.0	6.9	100.0	4.3	100.0	5.8
Massachusetts	62.0	21.7	44.6	14.8	41.0	9.4	49.1	11.1
Michigan	61.2	10.9	53.2	6.5	42.4	4.0	42.7	5.3
Minnesota	96.2	43.6	94.5	56.2	78.3	38.2	68.1	33.2
Mississippi	93.6	26.3	94.0	23.9	94.4	24.2	95.7	25.8
Missouri	78.2	14.1	61.4	9.1	72.3	10.9	70.0	9.9
Montana	76.9	2.1	76.7	1.1	66.9	0.8	69.5	0.7
Nebraska	71.2	18.9	68.6	16.4	61.6	8.8	65.3	8.4
Nevada	68.4	23.1	65.4	21.2	65.5	19.5	62.6	18.2
New Hampshire	90.0	32.4	72.3	29.4	47.9	7.7	85.0	10.1
New Jersey	53.6	22.1	36.5	18.5	24.3	18.1	39.6	16.9
New Mexico	75.0	12.2	62.7	12.5	47.6	16.1	60.0	21.7
New York	100.0	9.4	100.0	7.7	100.0	13.5	100.0	10.4
North Carolina	89.3	40.1	88.0	45.1	87.1	46.3	85.7	38.8
North Dakota	95.1	14.4	93.1	11.6	90.1	6.7	88.1	5.2
Ohio	100.0	4.9	100.0	2.3	100.0	2.5	100.0	2.1
Oklahoma	69.7	2.9	53.3	1.4	50.9	2.7	51.8	2.7
Oregon	99.4	12.6	99.3	11.6	99.2	10.8	99.2	8.9
Pennsylvania	100.0	8.2	100.0	7.5	100.0	7.2	100.0	5.0
Rhode Island	62.9	27.3	51.2	27.3	59.7	27.3	61.2	27.3
South Carolina	98.3	81.4	100.0	88.3	99.6	88.3	95.2	81.4
South Dakota	79.7	66.6	84.0	63.3	69.9	52.3	73.1	30.8
Tennessee	87.5	33.9	82.4	35.4	80.3	33.8	78.7	31.8
Texas	90.5	43.0	81.4	42.6	83.1	45.5	83.8	45.7
Utah	86.4	15.0	82.7	12.8	75.8	13.5	68.7	13.6
Vermont	100.0	76.2	100.0	72.6	100.0	66.8	100.0	65.1
Virginia	64.8	19.4	56.8	16.0	49.1	13.2	52.3	11.0
Washington	91.5	31.6	87.5	25.4	84.0	24.7	84.4	20.7
West Virginia	55.7	13.1	85.7	10.7	33.8	16.1	31.2	13.0
Wisconsin	75.6	24.8	67.0	20.9	52.1	14.7	52.5	13.3
Wyoming	50.5	1.5	56.4	2.2	52.6	1.9	61.4	1.9
Total	79.5	21.7	74.7	21.6	71.0	22.4	73.3	22.4

^R Revised Data.

^{NA} Not Available.

— Not Applicable.

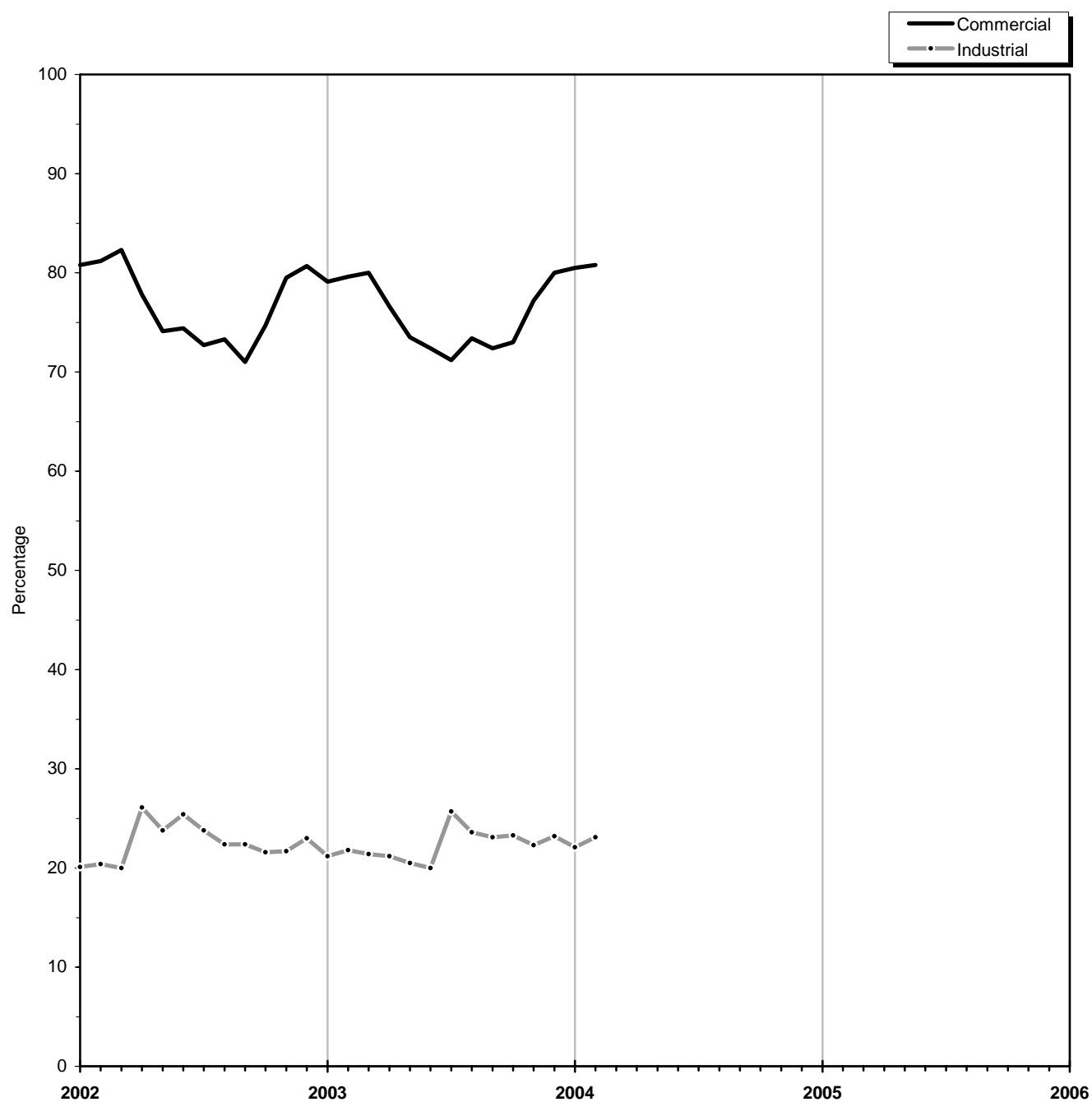
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating

commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Figure 6

Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004



Source: Table 25.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all NGM tables.

Note 1. Production

Annual Data

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Derived from the Short-Term Energy Outlook
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Reported on Form EIA-857, Form EIA-906, and other sources below.
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline and Distribution Use	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-906
Vehicle Fuel	Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

Monthly Data

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* (NGA) for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

Note 2. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on Form EIA-895. Nine of the 32 producing States reported data on nonhydrocarbon gases removed during 2002. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA for the year in which the

report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

Note 3. Extraction Loss

Annual Data

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the NGA.

Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the NGA. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 4. Supplemental Gaseous Fuels

Annual Data

Annual data on supplemental gas fuel supply are reported on Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Monthly Data

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to

the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

Note 5. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the NGA.

Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the NGA.

Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

Annual Data

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

Annual data on LNG additions and withdrawals are from the EIA-176.

Monthly Data

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each

month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 7. Consumption

Annual Data

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA.

Residential, Commercial, and Industrial Sector Consumption

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 States are based on data reported on Form EIA-857 "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling error. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Vehicle Fuel Use

Monthly U.S. total estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Coal, Nuclear, and Renewable Fuels Division of EIA. Monthly State level vehicle fuel data are not available.

Electric Power Sector Consumption

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-906, "Power Plant Report." The estimates reported in the *NGM* represent gas delivered to electricity-only plants (utility and nonutility power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the *Electric Power Monthly*.

Pipeline and Distribution Use

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous years Form EIA-176. This percentage is applied to each months total consumption figure to compute the monthly estimate.

Monthly data are revised after the publication of the *NGA*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each months revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each months marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the *NGA*. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the *NGA* for a complete discussion of this process.

Note 8. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the *NGA*. For an explanation of the methodology used in calculating the annual balancing item, see the *NGA*.

Note 9. Average Price of Deliveries to Consumers

For most States, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. In the States of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the *NGM* include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

Note 10. Average Wellhead Price

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs.

Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers, and the Form EIA-910, filed by natural gas marketers in select States. The electric power industry surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a State border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2003 for report year 2002 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the *Natural Gas Annual*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, 31 participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls. Data for the State of Illinois, which did not respond, were estimated.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (115,949), Colorado (474,342), New Mexico (497,260), and Wyoming (327,785) for 2002.

Data are also collected on volumes returned to formation for repressuring, pressure maintenance,

and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production as well as the monthly volume and value of marketed production. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2002, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 9 of the 32 producing States. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the *EIA Natural Gas Annual*.

Form EIA-191, "Underground Natural Gas Storage Report"

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule for the prior year is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The EIA publications, *Monthly Energy Review* and *Winter Fuels Report*, contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Beginning in 1995, import and export data have been taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for import or export to applicants under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations to file quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 States and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906, "Power Plant Report," monthly prices for electric utilities are obtained from Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants", and monthly prices for nonutility power producers are from Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report.") See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate price.

Form EIA-910, “Monthly Natural Gas Marketer Survey”

The Form EIA-910, “Monthly Natural Gas Marketer Survey” collects information on natural gas sales from marketers in selected States (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. These States were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected States. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data

collected on the Form EIA-910 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 percent. Responses are filed with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Monthly prices in select states (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed.

The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value ($C_{.j}$) were included in the certainty stratum. The formula for $C_{.j}$ was:

$$C_{.j} = \frac{X_{.j}}{2n} \quad (1)$$

where:

$C_{.j}$ = cutoff value for consumer sector j,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors ($X_{i.}$). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_{2.}}{X_{..}} \quad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

$X_{2.}$ = the sum within State of the $X_{i.}$ for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X_{2.}}{m}\right)I$. The first sampled company was

the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$

was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that $X_{2.}$ was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial — in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = \gamma_{.j} \times E_{vj} \quad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector j ,

y_j = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these states.

The price of natural gas in the residential and commercial sectors in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] \quad (6)$$

P_c = the combined average price for gas sales by local distribution companies and marketers within the State in sector s (residential or commercial)

R_s = the reported revenue from natural gas sales by local distribution companies within the State in s (residential or commercial)

V_s = the reported volume of natural gas sales by local distribution companies within the State in s (residential or commercial)

V_t = the reported volume of natural gas transported by local distribution companies for marketers within the State in s (residential or commercial)

Rm_s = the reported revenue from natural gas sales by marketers within the State in s (residential or commercial)

Vm_s = the reported volume of natural gas sales by a marketer within the State in s (residential or commercial)

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (7)$$

where:

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

y_{jt} = gas volume reported by companies in the State stratum for report month t ,

y_{jt-1} = gas volume in the previous month for companies in the State stratum that reported in month t.

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly (NGM)* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *NGM*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[(V_{ja} - V_{jm}') \left(\frac{V_{jm}}{V_{jm}'} \right) \right] \quad (8)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V_{jm}' = the annual sum of estimated monthly volumes

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[(R_{ja} - R_{jm}') \left(\frac{R_{jm}}{R_{jm}'} \right) \right] \quad (9)$$

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R_{jm}' = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Power Sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^H \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h} \right)}{n_h(n_h - 1)} \left(\sum_{i=1}^n (y_i - Tx_j)^2 \right) \right] \quad (10)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, February 2004

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	1,735	1,307	4,180	4,710	0.61	1.49	0.67
Alaska	0	0	0	0	—	NA	—
Arizona	14	68	0	69	0.03	0.05	—
Arkansas	13	7	15	21	0.02	0.03	0.10
California	1,087	197	641	1,277	0.14	0.25	0.28
Colorado	1,369	2,236	3,721	4,551	0.10	NA	NA
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	NA	NA	NA
District of Columbia	0	0	0	0	—	—	—
Florida	205	600	801	1,022	0.37	2.52	3.58
Georgia	1,319	439	2,813	3,138	0.64	NA	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	3,890	1,566	2,190	4,730	0.05	0.14	0.97
Indiana	531	680	196	885	0.17	0.30	0.58
Iowa	2,091	1,124	598	2,448	0.27	0.19	0.24
Kansas	467	280	652	849	0.06	0.09	2.47
Kentucky	1,275	1,378	450	1,931	0.17	0.36	NA
Louisiana	1,006	45	2,297	2,509	0.21	0.01	NA
Maine	0	0	0	0	—	—	—
Maryland	85	76	78	138	0.01	0.04	NA
Massachusetts	2,087	2,399	325	3,196	0.30	0.50	0.40
Michigan	194	85	19	213	0.03	0.02	0.03
Minnesota	1,060	838	739	1,540	0.17	0.03	0.18
Mississippi	440	438	940	1,127	0.85	0.54	5.92
Missouri	779	392	170	888	0.18	0.18	1.17
Montana	6	9	0	11	0.10	0.17	—
Nebraska	884	1,181	914	1,735	1.57	1.75	1.29
Nevada	0	0	0	0	—	—	—
New Hampshire	NA	NA	NA	NA	NA	NA	NA
New Jersey	0	0	0	0	—	—	—
New Mexico	794	683	447	1,139	0.21	0.53	1.58
New York	1,031	4,170	1,181	4,455	0.03	0.16	0.79
North Carolina	508	563	242	796	0.18	0.15	0.48
North Dakota	0	0	0	0	—	—	—
Ohio	1,894	1,898	8,536	8,947	0.40	0.98	NA
Oklahoma	1,865	1,322	1,911	2,980	0.10	0.44	0.71
Oregon	0	0	0	0	—	—	—
Pennsylvania	89	115	1,185	1,194	0.20	0.20	NA
Rhode Island	0	0	0	0	—	—	—
South Carolina	441	191	502	695	0.19	0.09	0.15
South Dakota	0	0	0	0	—	—	—
Tennessee	589	1,124	1,389	1,881	0.52	NA	NA
Texas	4,405	2,054	15,986	16,708	0.10	0.05	—
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	481	1,820	258	1,900	0.26	0.55	NA
Washington	0	0	0	0	—	—	—
West Virginia	207	125	27	243	0.26	0.57	0.03
Wisconsin	472	2,287	13,197	13,402	0.25	0.52	NA
Wyoming	41	55	120	138	0.29	0.32	NA
Total	8,189	7,700	23,777	26,300	0.09	0.13	0.31

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Steve Nalley (202) 586-0959
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Steve Nalley (202) 586-0959
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790 Amy Sweeney (202) 586-2627
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	William Trapmann (202) 586-6408
Electric Power	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plant," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants"	Steve Scott 202-287-1737 Rebecca McNemay 202-287-1913
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Power, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-906, "Power Plant Report"	Roy Kass (202) 586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Power	20 21 22 23 24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202) 586-6077
Highlights				Eva Fleming (202) 586-6113

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents. Survey problems include incomplete survey frames, problems in sampling design, or response problems.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Power Sector: An energy-consuming sector that consists of electricity-only and combined heat and

power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

Electric Power Consumption: Gas used as fuel in the electric power sector.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, “electric utility” currently has inconsistent interpretations from State to State.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as “condensate.”

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are

carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt bed or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vehicle Fuel Consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and

compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.